ARG30334
Tumor-infiltrating Lymphocyte Antibody Panel

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG65859	anti-CD3 epsilon antibody [SQab1713]	Rabbit mAb	Hu	FACS, ICC/IF, IHC-P, IP, WB	20 µl
ARG66628	anti-CD8 antibody [SQab19146]	Rabbit mAb	Hu	IHC-P	20 µl
ARG65860	anti-CD4 antibody [SQab1714]	Rabbit mAb	Hu	FACS, IHC-P, IP, WB	20 µl
ARG66197	anti-CD20 antibody [SQab1719]	Rabbit mAb	Hu	FACS, ICC/IF, IHC-P, IP	20 µl

Summary

Product Description	Tumor-infiltrating Lymphocyte (TIL) Antibody Panel is an all-in-one solution to make identification of TILs easy and economic. This antibody panel comprises antibodies against CD3, CD4, CD8 and CD20 for identifying general T cells, Treg cells, cytotoxic T cells and B cells, respectively. All the antibodies in this panel have excellent IHC staining performance. Related news: New antibody panels and duos for Tumor immune microenvironment Tumor-Infiltrating Lymphocytes (TILs)
Target Name	Tumor-infiltrating Lymphocyte
Alternate Names	Tumor-infiltrating Lymphocyte antibody; CD3 antibody; CD4 antibody; CD20 antibody; CD8 antibody

Properties

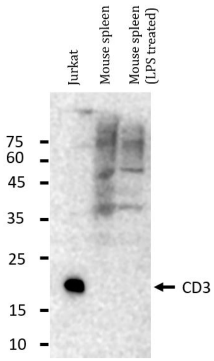
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Full Name	Antibody Panel for Tumor-infiltrating Lymphocyte
Highlight	Related Product: anti-CD3 epsilon antibody; anti-CD8 antibody; anti-CD4 antibody; anti-CD20 antibody;
Research Area	Tumor infiltrating Lymphocyte markers; Immunology; anti-tumor immune responses; tumor immune

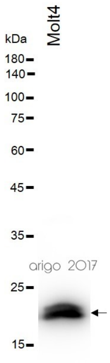
infiltration

Images



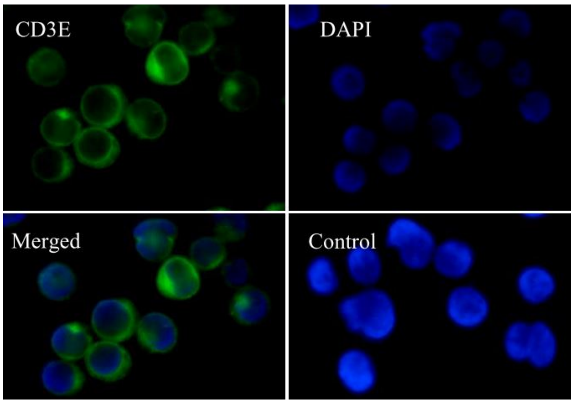
ARG65859 anti-CD3 epsilon antibody [SQab1713] WB image (Customer's Feedback)

Western blot: 20 µg of Jurkat and Mouse spleen (untreated or treated with LPS) lysates stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:1000 dilution, overnight at 4°C.



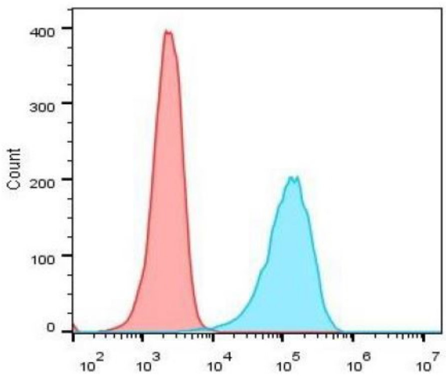
ARG65859 anti-CD3 epsilon antibody [SQab1713] WB image (Customer's Feedback)

Western blot: 30 µg of Molt4 cell lysate stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:500 dilution.



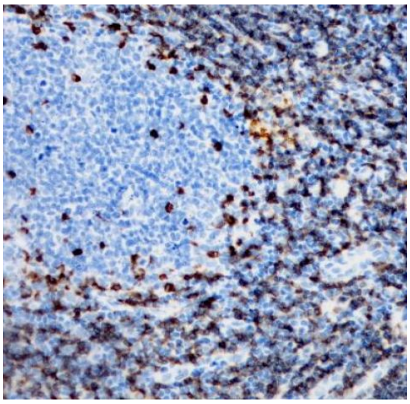
ARG65859 anti-CD3 epsilon antibody [SQab1713] ICC/IF image

Immunofluorescence: Jurkat cells were fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] (green) at 1:50 and 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



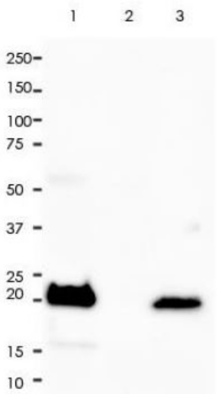
ARG65859 anti-CD3 epsilon antibody [SQab1713] FACS image

Flow Cytometry: Jurkat cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] (blue) at 1:1000 dilution in 1x PBS/1% BSA for 30 min at room temperture, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (red) was used as a control.



ARG65859 anti-CD3 epsilon antibody [SQab1713] IHC-P image

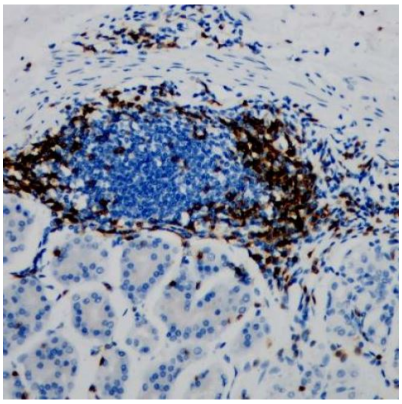
Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human tonsil tissue stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:200 dilution. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



ARG65859 anti-CD3 epsilon antibody [SQab1713] IP image

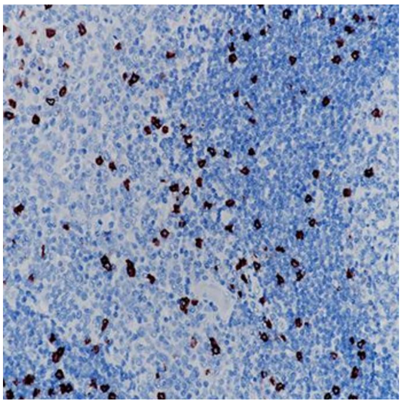
Immunoprecipitation: 0.4 mg of Molt-4 whole cell lysate was immunoprecipitated (1:15 dilution) and stained with ARG65859 anti-CD3 epsilon antibody [SQab1713].

Lane 1: Immunoprecipitation in Molt-4 whole cell lysate
Lane 2: Rabbit IgG instead of Primary Ab in Molt-4 whole cell lysate
Lane 3: Molt-4 whole cell lysate, 10 µg (input)



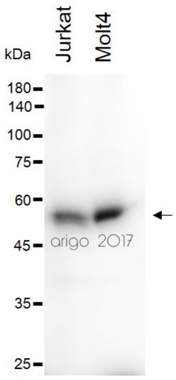
ARG65859 anti-CD3 epsilon antibody [SQab1713] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human colon tissue stained with ARG65859 anti-CD3 epsilon antibody [SQab1713] at 1:200 dilution. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



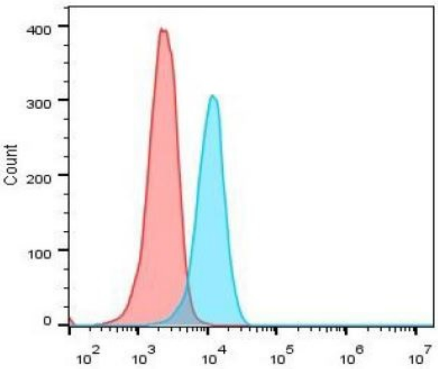
ARG66628 anti-CD8 antibody [SQab19146] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human tonsil tissue stained with ARG66628 anti-CD8 antibody [SQab19146]. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).



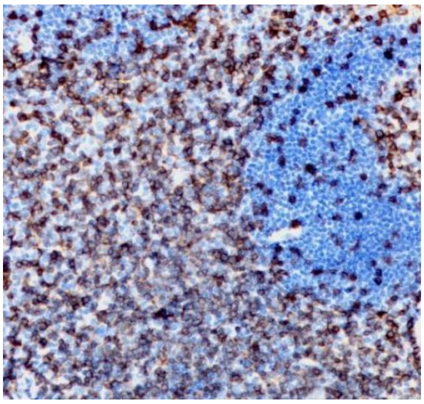
ARG65860 anti-CD4 antibody [SQab1714] WB image

Western blot: 30 µg of Jurkat and Molt4 cell lysates stained with ARG65860 anti-CD4 antibody [SQab1714] at 1:500 dilution.



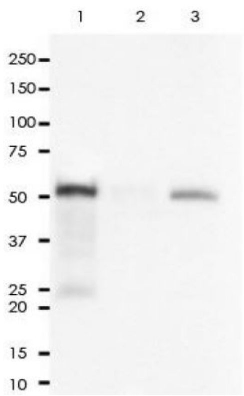
ARG65860 anti-CD4 antibody [SQab1714] FACS image

Flow Cytometry: Jurkat cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG65860 anti-CD4 antibody [SQab1714] (blue) at 1:50 dilution in 1x PBS/1% BSA for 30 min at room temperture, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (red) was used as a control.



ARG65860 anti-CD4 antibody [SQab1714] IHC-P image

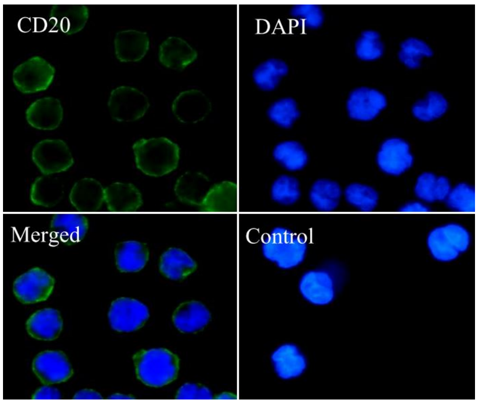
Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded sections of Human tonsil tissue stained with ARG65860 anti-CD4 antibody [SQab1714] at 1:2000 dilution. Antigen Retrieval: Boil tissue section in Tris/EDTA buffer (pH 9.0).



ARG65860 anti-CD4 antibody [SQab1714] IP image

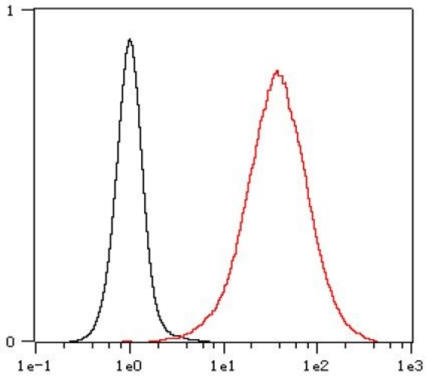
Immunoprecipitation: 0.4 mg of Molt-4 whole cell lysate was immunoprecipitated (1:50 dilution) and stained with ARG65860 anti-CD4 antibody [SQab1714].

Lane 1: Immunoprecipitation in Molt-4 whole cell lysate
Lane 2: Rabbit IgG instead of Primary Ab in Molt-4 whole cell lysate
Lane 3: Molt-4 whole cell lysate, 10 µg (input)



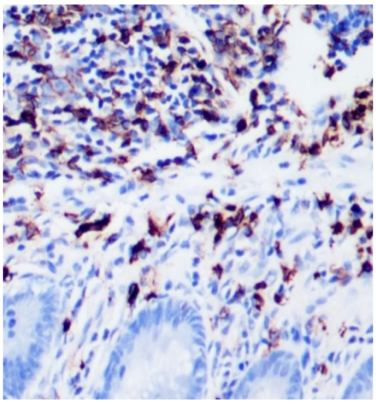
ARG66197 anti-CD20 antibody [SQab1719] ICC/IF image

Immunofluorescence: Raji cells fixed with 4% paraformaldehyde for 30 min at RT, permeabilized with 0.1% Triton X-100 for 10 min at RT then blocked with 10% Goat serum for half an hour at room temperature. Samples were stained with ARG66197 anti-CD20 antibody [SQab1719] (green) at 1:1000 at 4°C. DAPI (blue) was used as the nuclear counter stain. Control: PBS and secondary antibody.



ARG66197 anti-CD20 antibody [SQab1719] FACS image

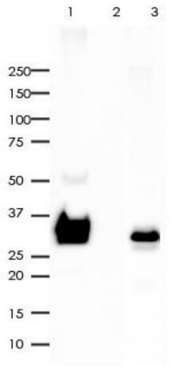
Flow Cytometry: Raji cells were fixed with 4% paraformaldehyde for 10 min. The cells were then stained with ARG66197 anti-CD20 antibody [SQab1719] (red) at 1:500 dilution in 1x PBS/1% BSA for 30 min at room temperture, followed by Alexa Fluor® 488 labelled secondary antibody. Unlabelled sample (black) was used as a control.



ARG66197 anti-CD20 antibody [SQab1719] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human appendix tissue stained with ARG66197 anti-CD20 antibody [SQab1719] at 1:20000 dilution.

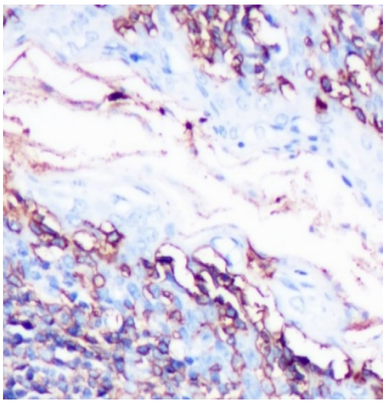
Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0



ARG66197 anti-CD20 antibody [SQab1719] IP image

Immunoprecipitation: 0.4 mg of Raji whole cell lysate was immunoprecipitated (1:20 dilution) and stained with ARG66197 anti-CD20 antibody [SQab1719].

Lane 1: Immunoprecipitation in Raji whole cell lysate
Lane 2: PBS instead of Primary Ab in Raji whole cell lysate
Lane 3: Raji whole cell lysate, 10 µg (input)



ARG66197 anti-CD20 antibody [SQab1719] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human spleen tissue stained with ARG66197 anti-CD20 antibody [SQab1719] at 1:20000 dilution.

Antigen retrieval: Heat mediated was performed using Tris/EDTA buffer pH 9.0