ARG30333
M1 / M2 / TAM Marker Antibody Panel

Package: 1 kit
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG10514	anti-CD68 antibody [KP1]	Mouse mAb	Hu, Rat	FACS, ICC/IF, IHC-P, WB	20 µg
ARG56509	anti-iNOS antibody	Rabbit pAb	Hu, Ms, Rat, Mamm	ICC/IF, IHC-Fr, IHC-P, IP, WB	50 µl
ARG55554	anti-CD206 / MMR antibody [15-2]	Mouse mAb	Hu, Ms	CyTOF®-candidate, FACS, FuncSt, ICC/IF, IHC-Fr, IP, WB	20 µg
ARG66630	anti-CD163 antibody [SQab19148]	Rabbit mAb	Hu	IHC-P	20 µl

Summary

Product Description

M1 / M2 / TAM Marker Antibody Panel is an all-in-one solution to make identification of macrophage subtypes easy and economic. This antibody panel comprises M1 macrophage markers CD68 and iNOS antibodies, and M2 macrophage markers CD163 and CD206 antibodies. Besides, all four antibodies are ideal for determining the tumor-associated macrophage (TAM) phenotype. All the antibodies in this panel have excellent IHC staining performance. Also, the different host species make double staining possible.

Related news:
New antibody panels and duos for Tumor immune microenvironment
Anti-SerpinB9 therapy, a new strategy for cancer therapy
RIP1 activation and pathogenesis of NASH

Target Name

M1 / M2 / TAM Marker

Alternate Names

M1/M2/TAM Marker antibody; CD68 antibody; CD206 / MMR antibody; iNOS antibody; CD163 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

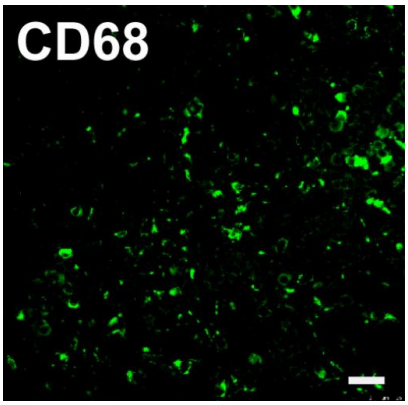
Antibody Panel for M1/M2/TAM Marker

Highlight

Related Product:
anti-CD68 antibody;
anti-iNOS-antibodies;

anti-CD206 / MMR antibody;
anti-CD163 antibody;

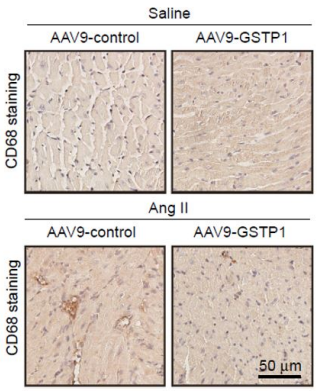
Images



ARG10514 anti-CD68 antibody [KP1] ICC/IF image

Immunofluorescence: Human colon stained with ARG10514 anti-CD68 antibody [KP1].

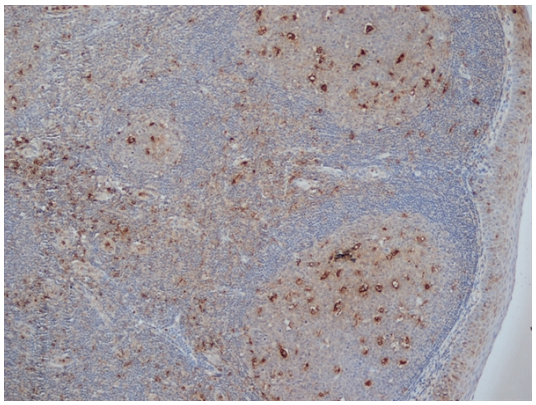
From Li Y et al. Research Square (2022), doi: 10.3389/fmicb.2022.926915, Fig. 2C.



ARG10514 anti-CD68 antibody [KP1] IHC-P image

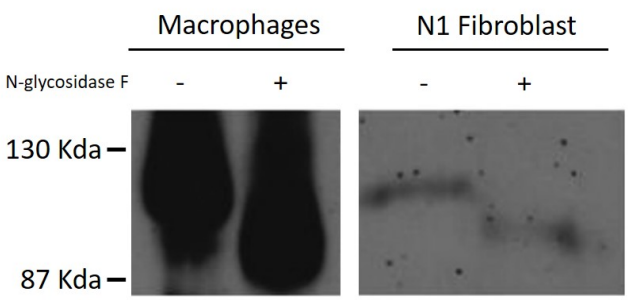
Immunohistochemistry: Mouse atrial stained with ARG10514 anti-CD68 antibody [KP1].

From Li H et al. Europace (2025), doi: 10.1093/europace/euaf083, Fig. 6E.



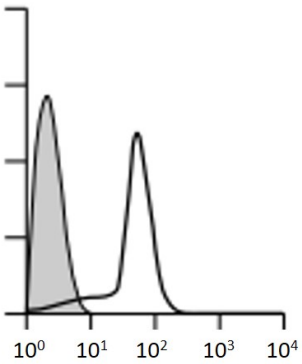
ARG10514 anti-CD68 antibody [KP1] IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human tonsil stained with ARG10514 anti-CD68 antibody [KP1]. Antigen Retrieval: Boil tissue section in Citrate buffer (pH 6.0).



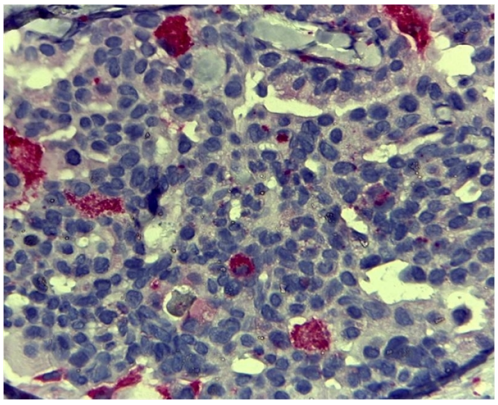
ARG10514 anti-CD68 antibody [KP1] WB image

Western blot: Human Macrophages and N1 Fibroblast untreated or treated with N-glycosidase F. The blots were stained with ARG10514 anti-CD68 antibody [KP1].



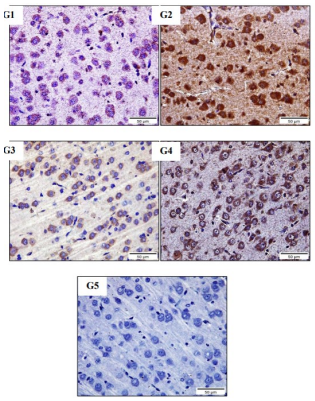
ARG10514 anti-CD68 antibody [KP1] FACS image

Flow Cytometry: THP1 cells prefixed with 4% PFA and then permeabilised with 0.25% saponin. Cells were stained with ARG10514 anti-CD68 antibody [KP1] (white area) or isotype control antibody (gray area).



ARG10514 anti-CD68 antibody [KP1] IHC-P image

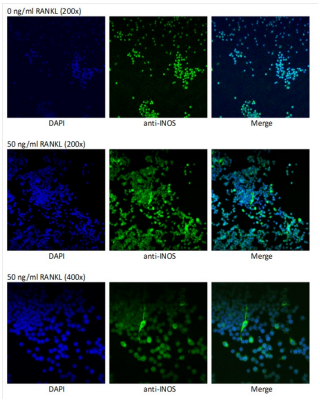
Immunohistochemistry: Formalin-fixed and paraffin-embedded Human breast carcinoma stained with ARG10514 anti-CD68 antibody [KP1].



ARG56509 anti-iNOS antibody IHC-P image

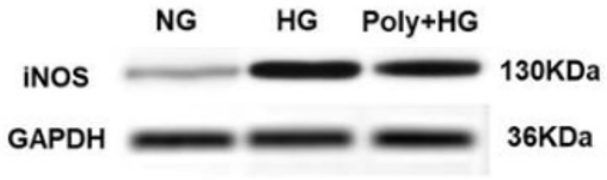
Immunohistochemistry: Rat Brain stained with ARG56509 anti-iNOS antibody at 1:100 dilution.

From Abrar Roshdy Abouelkeir et al. European Chemical Bulletin,(2023) doi: 10.31838/ecb/2023.12.1.470, Fig. 6.



ARG56509 anti-iNOS antibody ICC/IF image (Customer's Feedback)

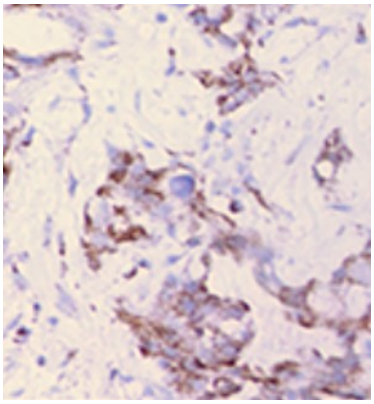
Immunofluorescence: RAW264.7 cells were fixed with 4% paraformaldehyde for 15 min at RT, permeabilized with 0.1% Triton X-100 then blocked with 2% albumin for 60 min at RT. Cells were stained with ARG56509 anti-iNOS antibody (green) at 4°C. DAPI (blue) was used as the nuclear counter stain.



ARG56509 anti-iNOS antibody WB image

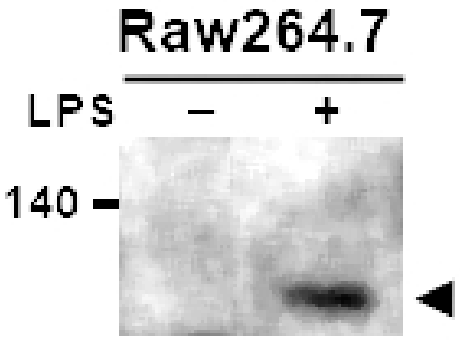
Western blot: Rat Aortic stained with ARG56509 anti-iNOS antibody at 1:1000 dilution.

From Wahid Shah et al. Sci Rep. (2023), doi: 10.1038/s41598-023-43786-4, Fig. 2. C.



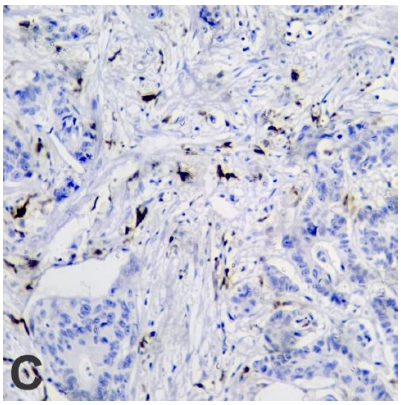
ARG56509 anti-iNOS antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human pancreatic ductal adenocarcinoma stained with ARG56509 anti-iNOS antibody.



ARG56509 anti-iNOS antibody WB image

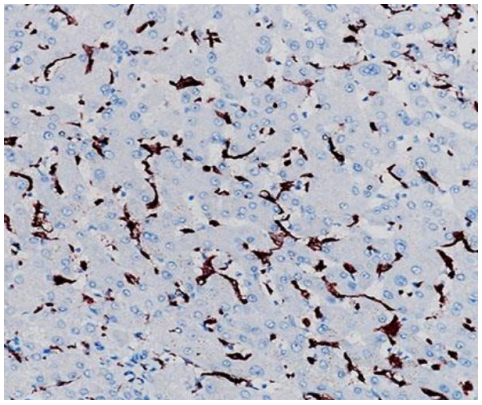
Western blot: Raw264.7 cells untreated or treated with LPS. 20 µg of cell lysates stained with ARG56509 anti-iNOS antibody at 1:400 dilution.



ARG66630 anti-CD163 antibody [SQab19148] IHC-P image

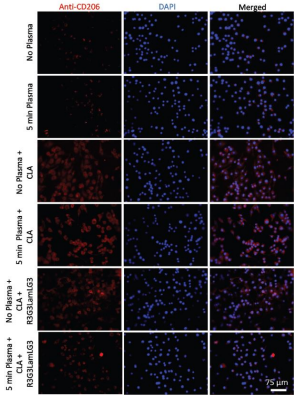
Immunohistochemistry: Human colorectal cancer stained with ARG66630 anti-CD163 antibody [SQab19148].

From Brambilla, Eduardo et al. Doutorado em Ciências da Saúde (2024), URL: https://repositorio.ucs.br/xmlui/handle/11338/13745, Fig. 2. C.



ARG66630 anti-CD163 antibody [SQab19148] IHC-P image

Immunohistochemistry: Formalin/PFA-fixed and paraffin-embedded Human liver tissue stained with ARG66630 anti-CD163 antibody [SQab19148]. Antigen Retrieval: Heat mediation was performed in Tris/EDTA buffer (pH 9.0).



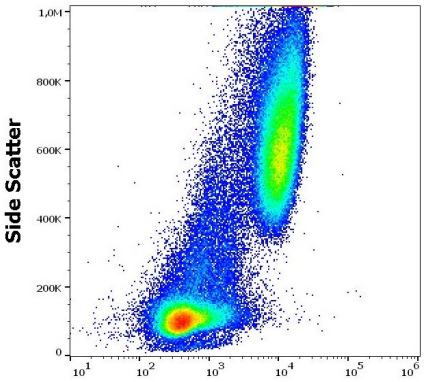
ARG55554 anti-CD206 / MMR antibody [15-2] ICC/IF image

Immunofluorescence: RAW 264.7 stained with ARG55554 anti-CD206 / MMR antibody [15-2].

From Boda SK et al. Biomater Sci- (2022), doi: 10.1039/d1bm01649k, Fig. 7.

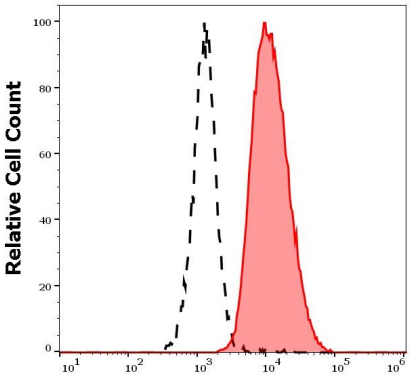
ARG55554 anti-CD206 / MMR antibody [15-2] IHC-Fr image

Immunohistochemistry: Frozen section of Human tonsil tissue stained with ARG55554 anti-CD206 / MMR antibody [15-2] at 1:25 dilution. The antibody stains endothelia of lymph vessels strongly.



ARG55554 anti-CD206 / MMR antibody [15-2] FACS image

Flow Cytometry: Stimulated (GM-CSF + IL-4) human peripheral blood mononuclear cells stained with ARG55554 anti-CD206 / MMR antibody [15-2] at 9 µg/ml dilution, followed by PE-conjugated Goat anti-Mouse antibody.



ARG55554 anti-CD206 / MMR antibody [15-2] FACS image

Flow Cytometry: Separation of human CD206 positive dendritic cells differentiated upon monocyte stimulation (GM-CSF + IL-4) (red-filled) from non-stimulated lymphocytes (black-dashed). Human stimulated (GM-CSF + IL-4) peripheral blood mononuclear cells stained with ARG55554 anti-CD206 / MMR antibody [15-2] at 9 µg/ml dilution, followed by PE-conjugated Goat anti-Mouse antibody.