

Product datasheet

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ARG41596 anti-CD82 antibody

Package: 100 μl Store at: -20°C

Summary

Product Description Rabbit Polyclonal antibody recognizes CD82

Tested Reactivity Hu, Ms, Rat

Tested Application ICC/IF, IHC-P, WB

Host Rabbit

Clonality Polyclonal

Isotype IgG

Target Name CD82

Species Human

Immunogen Recombinant fusion protein corresponding to aa. 111-228 of Human CD82 (NP_002222.1).

Conjugation Un-conjugated

Alternate Names Tetraspanin-27; C33 antigen; R2; Tspan-27; TSPAN27; KAI1; CD antigen CD82; CD82 antigen; ST6; 4F9;

Suppressor of tumorigenicity 6 protein; SAR2; IA4; Metastasis suppressor Kangai-1; Inducible

membrane protein R2; GR15; C33

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	Rat kidney	
Observed Size	~ 39 kDa	

Properties

Form Liquid

Purification Affinity purified.

Buffer PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.

Preservative 0.02% Sodium azide

Stabilizer 50% Glycerol

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. 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.

Bioinformation

Gene Symbol CD82

Gene Full Name CD82 molecule

Background This metastasis suppressor gene product is a membrane glycoprotein that is a member of the

transmembrane 4 superfamily. Expression of this gene has been shown to be downregulated in tumor progression of human cancers and can be activated by p53 through a consensus binding sequence in the promoter. Its expression and that of p53 are strongly correlated, and the loss of expression of these two proteins is associated with poor survival for prostate cancer patients. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul

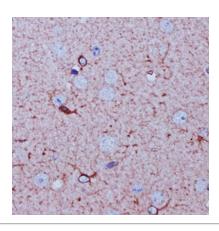
2008

Function Associates with CD4 or CD8 and delivers costimulatory signals for the TCR/CD3 pathway. [UniProt]

Calculated Mw 30 kDa

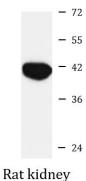
Cellular Localization Membrane; Multi-pass membrane protein. [UniProt]

Images



ARG41596 anti-CD82 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse brain tissue stained with ARG41596 anti-CD82 antibody at 1:100 dilution.



ARG41596 anti-CD82 antibody WB image

Western blot: 25 μg of Rat kidney lysate stained with ARG41596 anti-CD82 antibody at 1:3000 dilution.