

ARG57132 anti-Stomatin antibody [33F5]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [33F5] recognizes Stomatin
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	33F5
Isotype	IgG2b, kappa
Target Name	Stomatin
Species	Human
Immunogen	Recombinant fragment around aa. 55-288 of Human Stomatin
Conjugation	Un-conjugated
Alternate Names	Protein 7.2b; BND7; EPB72; EPB7; Stomatin; Erythrocyte band 7 integral membrane protein

Application Instructions

Application table	Application	Dilution
	WB	1:250 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

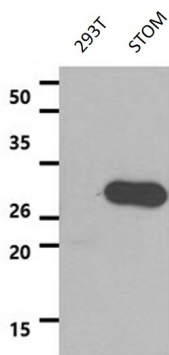
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
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.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 2040 Human Swiss-port # P27105 Human
Gene Symbol	STOM
Gene Full Name	stomatin
Background	This gene encodes a member of a highly conserved family of integral membrane proteins. The encoded protein localizes to the cell membrane of red blood cells and other cell types, where it may regulate ion channels and transporters. Loss of localization of the encoded protein is associated with hereditary stomatocytosis, a form of hemolytic anemia. There is a pseudogene for this gene on chromosome 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]
Function	Regulates ion channel activity and transmembrane ion transport. Regulates ASIC2 and ASIC3 channel activity. [UniProt]
Calculated Mw	32 kDa

Images



ARG57132 anti-Stomatin antibody [33F5] WB image

Western blot: 20 µg of 1) 293T, and 2) STOM Transfected 293T cell lysate stained with ARG57132 anti-Stomatin antibody [33F5] at 1:1000.