

SIRP alpha Rabbit mAb

Catalog No: #52577

Package Size: #52577-1 50ul #52577-2 100ul

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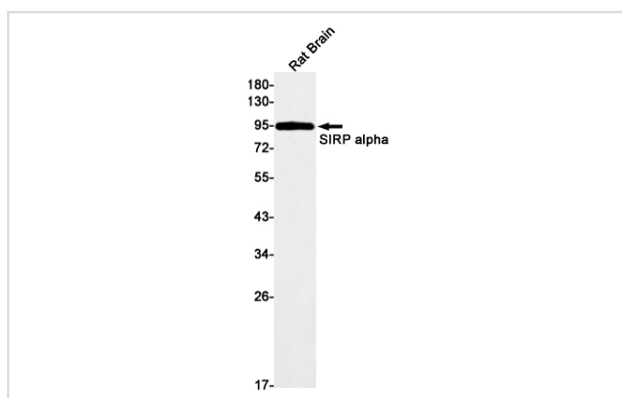
Description

Product Name	SIRP alpha Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S04-7G6
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant protein of human SIRP alpha
Conjugates	Unconjugated
Modification	Unmodification
Other Names	BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1
Accession No.	Swiss-Prot:P78324GenelD:140885
Uniprot	P78324
GenelD	140885
Calculated MW	Calculated MW: 55 kDa; Observed MW: 85 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Application Details

WB: 1/1000;

Images



Western blot detection of SIRP alpha in Rat Brain lysates using SIRP alpha Rabbit mAb(1:1000 diluted).Predicted band size:55kDa.Observed band size:85kDa.

Background

Swiss-Prot Acc.P78324.Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function . Involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells.

Note: This product is for in vitro research use only