

Recombinant

DGRmAb®

SIRP alpha (DGR32481) Rabbit mAb

db11691

Package : 10µL 20µL 50µL 100µL

Product Name : SIRP alpha (DGR32481) Rabbit mAb**Cat.No.:** db11691**Synonyms** : BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1**Application** : WB, IHC-P, ICC/IF, FC**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene. [provided by RefSeq, Jul 2008]

Immunogen

Recombinant protein of human SIRP alpha

Gene ID

140885

Swiss Prot

P78324

Synonyms

BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1

Reactivity

Human

Application

WB, IHC-P, ICC/IF, FC

Recommended dilution

WB: 1:1000

IHC-P: 1:200-1:500

ICC/IF: 1:100-1:200

FC: 1:200-1:500

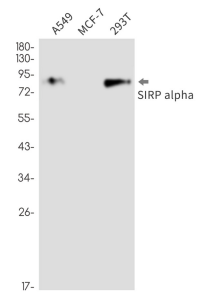
Calculated MW

55 kDa

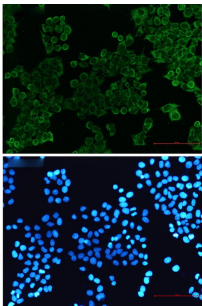
Observed MW

85 kDa

Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32481
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of SIRP alpha in A549,MCF-7,293T cell lysates using SIRP alpha antibody(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using db11691 antibody (green), and DAPI (blue).