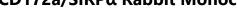
CD172a/SIRPa Rabbit Monoclonal Antibody





Product Information

CAB9545

Product SKU: CAB9545 **Gene ID**: 140885 **Size**: 20uL, 100uL

Clone No: ARC1626 Host Species: Rabbit Reactivity: Human, Mouse, Rat

Additional Information

Observed MW: 85kDa/100kDa/120kDa **Conjugate:** Unconjugated

Calculated MW: 55kDa Isotype: IgG

Immunogen Information

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.

Recommended Dilution: WB,1:500 - 1:1000 IF/ICC,1:50 - 1:200

Synonyms: BIT; MFR; P84; SIRP; MYD-1; SHPS1; CD172A; PTPNS1; CD172a/SIRPα

Purifcation Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 395-495 of human

CD172a/SIRPα (P78324).

Storage: Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50%

glycerol,pH7.3.