

SIRPB1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP19299c

Specification

SIRPB1 Antibody (Center) Blocking Peptide - Product Information

Primary Accession [O00241](#)

SIRPB1 Antibody (Center) Blocking Peptide - Additional Information

Gene ID 10326

Other Names

Signal-regulatory protein beta-1, SIRP-beta-1, CD172 antigen-like family member B, CD172b, SIRPB1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SIRPB1 Antibody (Center) Blocking Peptide - Protein Information

Name SIRPB1

Function

Immunoglobulin-like cell surface receptor involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. Participates also in the recruitment of tyrosine kinase SYK. Triggers activation of myeloid cells when associated with TYROBP (PubMed:10604985).

Cellular Location

Cell membrane; Single-pass type I membrane protein

Tissue Location

Detected in monocytes and dendritic cells.

SIRPB1 Antibody (Center) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

SIRPB1 Antibody (Center) Blocking Peptide - Images

SIRPB1 Antibody (Center) Blocking Peptide - 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 was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine-based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].

SIRPB1 Antibody (Center) Blocking Peptide - References

Gaikwad, S., et al. Am. J. Pathol. 175(6):2528-2539(2009) Martins-de-Souza, D., et al. Eur Arch Psychiatry Clin Neurosci 259(3):151-163(2009) Martins-de-Souza, D., et al. J Neural Transm 116(3):275-289(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) van den Berg, T.K., et al. J. Immunol. 175(12):7788-7789(2005)