Anti-CD169 [SER-4 (recombinant version)] Standard Size Ab00161-7.1

This constant region of this antibody has been modified to bind to Protein A, allowing highly-specific purification of this antibody by Protein A-affinity column.

Isotype and Format: Rat IgG2a, Kappa
Clone Number: SER-4 (recombinant version)
Alternative Name(s) of Target: Sialoadhesin; Sheep erythrocyte receptor; SER; Sialic acid-binding Ig-like lectin 1; Siglec-1
UniProt Accession Number of Target Protein: Q62230
Published Application(s): IHC
Published Species Reactivity: Mouse
Immunogen: Spleen cells from AO rats immunised with thioglycollate-elicted murine peritoneal macrophages (TPM) that had been cutured in mouse serum to induce sheep erythrocyte receptor (SER).
Specificity: This antibody specifically recognize mouse CD169, which is a 180-185-kDa member of the Siglec family of macrophage-specific cell adhesion and endocytic receptors interacting with sialylated glycans. This receptor is expressed on a subset of macrophages that are found with high frequency in the spleen, liver, lymph node, and bone marrow. CD169 can also be detected on monocytes in the bone marrow and periphery.
Application Notes:
Antibody First Published in: Crocker PR, Gordon S. Mouse macrophage hemagglutinin (sheep erythrocyte receptor) with specificity for sialylated glycoconjugates characterized by a monoclonal antibody. J Exp Med. 1989 Apr 1;169(4):1333-46. PMID:2926328
Note on publication: Describes the making of SER-4 monoclonal antibody and characterizes the molecular nature and distribution on macrophage of SER with mAb SER-4 - inc data on IHC-Fr, IP and WB assays.

Product Form

Size: 100 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In:

PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.