

Mouse CD169/SIGLEC-1 AccuSignal ELISA Kit - KOA0779
Code: KOA0779

Size: 1 Kit

Product Description: Mouse CD169/SIGLEC-1 AccuSignal ELISA Kit - KOA0779

PhysicalState:

Label	Unconjugated
Gene Name	SIGLEC1
Species Reactivity	Mouse
Storage Condition	Store vials at 4°C prior to opening. Centrifuge product if not completely clear after standing at room temperature. This product is stable for 6 months at 4°C as an undiluted liquid. Dilute only prior to immediate use. For extended storage freeze at -20°C or below for 12 months. Avoid cycles of freezing and thawing.
Synonyms	CD169, CD169 antigen, dJ1009E24.1, DKFZp667F058, FLJ00051, FLJ00055, FLJ00073, FLJ00411, FLJ32150, Sialic acid binding Ig like lectin 1, Sialic acid binding immunoglobulin like lectin 1, Sialic acid-binding Ig-like lectin 1, Sialoadhesin, Siglec 1, Siglec-1, Siglec1, SN, SN_HUMAN
Application Note	Useful in Sandwich ELISA for Quantitative Detection of Antigen. Aliquot 0.1ml per well of the 10,000pg/ml, 5000pg/ml, 2500pg/ml, 1250pg/ml, 625pg/ml, 312pg/ml, 156pg/ml mouse CD169 standard solutions into the precoated 96-well plate. Add 0.1ml of the sample diluent buffer into the control well (Zero well). Add 0.1ml of each properly diluted sample of mouse cell culture supernates, serum or plasma (heparin, EDTA) to each empty well. It is recommended that each mouse CD169 standard solution and each sample be measured in duplicate.
Background	SIGLEC-1, also known as Sialoadhesin or CD169, is a cell adhesion molecule found on the surface of certain cells of the immune system called macrophages. This gene is mapped to 20p13. It belongs to the immunoglobulin superfamily (IgSF). Since sialoadhesin binds sialic acids with its N-terminal IgV-domain, it is also a member of the SIGLEC family. The localization and expression of SIGLEC-1 in humans has altered coincident with the evolutionary loss of Neu5Gc. SIGLEC-1-positive macrophages have a dual physiologic function. They act as innate 'flypaper' by preventing the systemic spread of lymph-borne pathogens and as critical gatekeepers at the lymph-tissue interface that facilitate the recognition of particulate antigens by B cells and initiate humoral immune responses.
Purity And Specificity	Natural and recombinant mouse CD169. There is no detectable cross-reactivity with other relevant proteins.
ELISA	156pg/ml-10,000pg/ml
Expiration	See kit insert for complete instructions.
Immunogen	Expression system for standard: NSO; Immunogen sequence: T20-R1639
Anti-Coagulant	Heparin Sodium

Related Products

MB-008	10X PBS pH 7.2 (0.2 M Potassium Phosphate 1.5 M Sodium Chloride) - MB-008
MB-012	10X TBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride) - MB-012
MB-013	10X TTBS pH 7.5 (1.0 M Tris HCl 1.5 M Sodium Chloride 0.1% (w/v) Tween-20) - MB-013
MB-075-1000	10X PBST (0.2 M Potassium Phosphate 1.5 M Sodium Chloride, 0.5% (v/v) Tween-20, pH 7.2) - MB-075-1000

Related Links

UniProtKB - Q62230

<http://www.uniprot.org/uniprot/Q62230>

 NCBI - http://www.ncbi.nlm.nih.gov/protein/NP_035556.3

GeneID - 20612

<http://www.ncbi.nlm.nih.gov/sites/entrez?db=gene&term=20612>

Disclaimer

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