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Datasheet for ABIN1700137
anti-CMKLR1 antibody (AA 171-280) (Biotin)

Overview

Quantity:	100 µL
Target:	CMKLR1
Binding Specificity:	AA 171-280
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CMKLR1 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CMKLR1
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Dog, Sheep
Purification:	Purified by Protein A.

Target Details

Target:	CMKLR1
Alternative Name:	CMKLR1 (CMKLR1 Products)

Target Details

Background: Synonyms: Chemokine receptor-like 1, CHEMR23, ChemR23, DEZ, Chemokine like receptor 1, G protein coupled receptor ChemR23, G protein coupled receptor DEZ, CML1_HUMAN , Orphan G protein coupled receptor.

Background: Chemokine-Like Receptor 1 (CMKLR1) is a serpentine transmembrane G-protein linked receptor. It is an orphan chemoattractant receptor, also known as ChemR23 or DEZ. CMKLR1 is expressed on the surface of monocyte-derived immature dendritic cells and peripheral plamacytoid dendritic (pDC) cells, but not on myeloid dendritic (mDC) cells, monocytes and lymphocytes. The expression of CMKLR1 on pDC is down-regulated after activation. Chemerin (TIG2) is a natural ligand of CMKLR1. The interaction of CMKLR1 with Chemerin induces pDC activation and chemotaxis. It has been shown that CMKLR1 is a coreceptor for several strains of SIV and HIV-1. CMKLR1 is a potential useful marker for distinguishing pDCs and mDCs.

Gene ID: 1240

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months