

Datasheet for ABIN7316819
CLEC12A Protein (APC,His tag)



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Overview

Quantity:	25 tests
Target:	CLEC12A
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLEC12A protein is labelled with APC,His tag.

Product Details

Purpose:	APC-Labeled Human CLEC12A / MICL / CLL-1 Protein, His Tag (Site-specific conjugation)
Brand:	Star Staining
Sequence:	His 65 - Ala 265

Characteristics:	<p>APC-Labeled Human CLEC12A, His Tag is expressed from human 293 cells (HEK293). It contains AA His 65 - Ala 265 (Accession # NP_612210.4).</p> <p>"Star Staining" site-specific labeling: fluorescent-labeled products are developed by a new-generation site-specific labeling technology with "Star Standard" quality. These products are uniquely designed for detecting and monitoring CAR-T cells in clinical trials.</p> <ul style="list-style-type: none">• Using new-generation site-specific labeling technology to maintain natural bioactivity• The labeling happens at the specific tag and far away from active sites of proteins• Maintain natural conformation and modification• Efficiently bio-orthogonal technology• High specificity and sensitivity verified by flow cytometry• No non-specific binding to non-transduced PBMCs• High batch-to-batch consistency and uniformity
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Target Details

Target:	CLEC12A
Alternative Name:	CLEC12A (CLEC12A Products)
Background:	Synonyms:CLEC12A,MICL,CLL-1,CLL1,DCAL2,DCAL-2,CD371,Description:CLEC12A (C-type lectin domain family 12 member A) is also known as CLL1, DCAL2, MICL. Clec12a is an inhibitory receptor for uric acid crystals that regulates inflammation in response to cell death. Cell surface receptor that modulates signaling cascades and mediates tyrosine phosphorylation of target MAP kinases. Evidence of distinct disease propagating stem cells in myelodysplastic syndrome (MDS) has emerged in recent years. The role of CLEC12A in MDS, however, remains to be elucidated. Furthermore, CLEC12A has been proposed as a promising marker of leukaemic stem cells in AML.
Molecular Weight:	27.3 kDa
NCBI Accession:	NP_612210

Application Details

Comment:	This protein carries a polyhistidine tag at the N-terminus. The protein has a calculated MW of 27.3 kDa.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, 0.5 % BSA, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C, avoid light