

Datasheet for ABIN7583257

LY9 Protein (AA 251-452) (mFc Tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	LY9 (CD229)
Protein Characteristics:	AA 251-452
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LY9 protein is labelled with mFc Tag.

Product Details

Purpose:	Human CD229/SLAMF3 Protein
Sequence:	Gly251-Asn452
Characteristics:	Recombinant Human CD229/SLAMF3 Protein is expressed from HEK293 with mFc (IgG1) tag at the C-terminus. It contains Gly251-Asn452.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	LY9 (CD229)
Alternative Name:	CD229 (CD229 Products)

Target Details

Background:	CD229 was strongly and homogeneously overexpressed on the PC of patients with monoclonal gammopathy of undetermined significance (MGUS), smoldering myeloma, MM, and PC leukemia. CD229 was particularly overexpressed on those PC showing an abnormal phenotype such as expression of CD56. Most importantly, CD229 was also highly expressed on those cells in the patients' BM displaying the phenotype of chemotherapy-resistant and myeloma-propagating cells.
Molecular Weight:	48.04 kDa. Due to glycosylation, the protein migrates to 55-70 kDa based on Tris-Bis PAGE result.
UniProt:	Q9HBG7-1
Pathways:	BCR Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as 0.22 µm filtered solution in PBS (pH 7.4).
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months