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Anti-KIR3DL2 / CD158k Reference Antibody (lacutamab)

Recombinant Antibody
Catalog # APR10685

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	P43630
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	50230

Additional Information

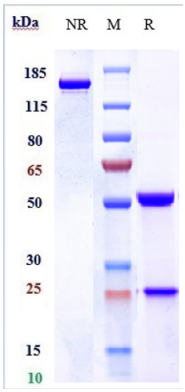
Target/Specificity	KIR3DL2 / CD158k
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

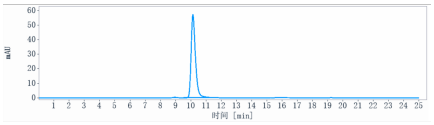
Name	KIR3DL2 {ECO:0000303|PubMed:24018270, ECO:0000312|HGNC:HGNC:6339}
Function	Receptor on natural killer (NK) cells and T cells for MHC class I molecules (PubMed:24018270, PubMed:28636952). Upon binding of peptide-free HLA-F open conformer, negatively regulates NK and T cell effector functions (PubMed:24018270). Acts as a receptor on astrocytes for HLA-F. Through interaction with HLA-F, may protect motor neurons from astrocyte-induced toxicity (PubMed:26928464).
Cellular Location	Cell membrane; Single-pass type I membrane protein
Tissue Location	Expressed in astrocytes.

Images

Anti-KIR3DL2 / CD158k Reference Antibody (lacutamab) on SDS-PAGE under reducing (R) condition. The purity of



the protein is greater than 95%.



The purity of Anti-KIR3DL2 / CD158k Reference Antibody (lacutamab) is 99%, determined by SEC-HPLC.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.