

For Research Use Only

B7-H6 Recombinant antibody

Catalog Number:83908-4-RR



Basic Information

Catalog Number: 83908-4-RR	GenBank Accession Number: BC136800	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 374383	CloneNo.: 240808B2
Source: Rabbit	UNIPROT ID: Q68D85	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG	Full Name: hypothetical protein DKFZp686O24166	
	Calculated MW: 51 kDa	
	Observed MW: 75-80 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : Raji cells,
Species Specificity: human	

Background Information

B7-H6, also known as NCR3LG1, is a member of the B7 family of immunoreceptors. It is a 454-aa-long type I transmembrane protein consisting of an extracellular region, a transmembrane segment, and a cytoplasmic domain which contains an immunoreceptor tyrosine-based inhibitory motif (ITIM), an SH2-binding domain, and an SH3-binding motif. B7-H6 triggers NKp30-mediated activation of human NK cells (PMID: 19528259). It has been reported that B7H6 is expressed in various types of tumor cells and plays a prominent role in natural killer cell immunosurveillance (PMID: 35697295). The apparent molecular weight of B7-H6 is larger than the calculated molecular weight of 51 kDa due to glycosylation (PMID: 19528259).

Storage

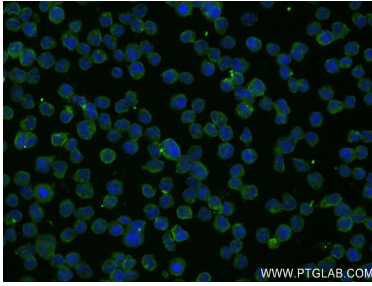
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

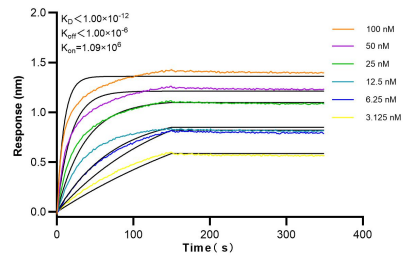
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed Raji cells using B7H6 antibody (83908-4-RR, Clone: 240808B2) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 83908-4-RR against Human B7H6 were performed. The affinity constant is below 1 pM.