

For Research Use Only

B7-H6 Recombinant antibody, PBS Only

Catalog Number: 83908-3-PBS



Basic Information

Catalog Number:

83908-3-PBS

Concentration:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC136800

GeneID (NCBI):

374383

UNIPROT ID:

Q68D85

Full Name:

hypothetical protein

DKFZp686O24166

Calculated MW:

51 kDa

Observed MW:

75-80 kDa

Purification Method:

Protein A purification

CloneNo.:

240808F7

Applications

Tested Applications:

WB, ELISA

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

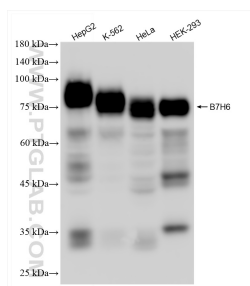
T: 4006900926

E: Proteintech-CN@ptglab.com

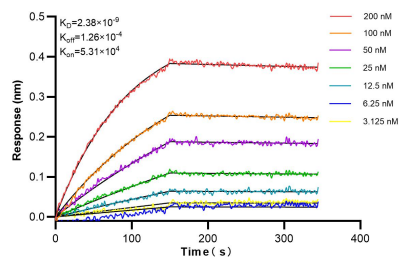
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83908-3-RR (B7H6 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83908-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83908-3-RR against Human B7-H6 were performed. The affinity constant is 2.38 nM.