

For Research Use Only

# B7-H6 Recombinant antibody, PBS Only

Catalog Number: 83908-3-PBS



## Basic Information

**Catalog Number:**

83908-3-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS Only

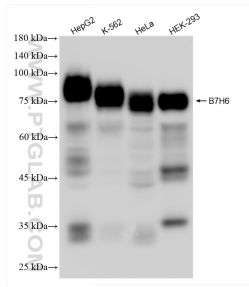
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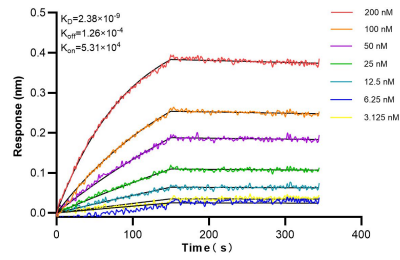
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## Selected Validation Data



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.