

For Research Use Only

B7-H6 Polyclonal antibody, PBS Only

Catalog Number: 27428-1-PBS



Basic Information

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| Catalog Number: 27428-1-PBS | GenBank Accession Number: BC136800 | Purification Method: Antigen affinity purification |
| Size: 100ug, Concentration: 1 mg/ml by Nanodrop; | GeneID (NCBI): 374383 | |
| Source: Rabbit | UNIPROT ID: Q68D85 | |
| Isotype: IgG | Full Name: hypothetical protein DKFZp686O24166 | |
| Immunogen Catalog Number: AG26532 | Calculated MW: 51 kDa | |
| | Observed MW: 75-80 kDa | |

Applications

Tested Applications:
WB, Indirect 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).

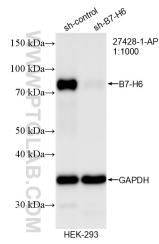
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

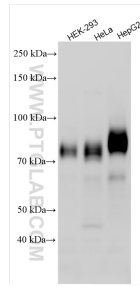
For technical support and original validation data for this product please contact:
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Selected Validation Data



WB result of B7-H6 antibody (27428-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-B7-H6 transfected HEK-293 cells. This data was developed using the same antibody clone with 27428-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 27428-1-AP (B7H6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 27428-1-PBS in a different storage buffer formulation.