

For Research Use Only

ULBP2 Monoclonal antibody, PBS Only



Catalog Number: 67249-1-PBS

Basic Information

Catalog Number: 67249-1-PBS	GenBank Accession Number: BC034689	Purification Method: Protein G purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 80328	CloneNo.: 1A9G8
Source: Mouse	UNIPROT ID: Q9BZM5	
Isotype: IgG1	Full Name: UL16 binding protein 2	
Immunogen Catalog Number: AG28879	Calculated MW: 246 aa, 27 kDa	
	Observed MW: 30-35 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

ULBP2 is an activating cell surface receptor that is predominantly expressed on cytotoxic immune cells. ULBP2 recognizes a wide range of ligands. In humans, the ULBP2 ligand (ULBP2L) includes MICA, MICB, and six members of the ULBP family (ULBP1-6) (PMID: 29568297; 30813924). ULBPs are MHC class I-related molecules (PMID: 11239445). ULBP2 contains two Ig-like domains, the alpha-1 and alpha-2 domains characteristic of the MHC class I family, but lacks the alpha-3 domain. It can be expressed as either a transmembrane or GPI-linked protein, or released from the cell surface (PMID: 21224393; 24614922). ULBP2 binds and activates the ULBP2L, mediating the recruitment and activation of NK cells.

Storage

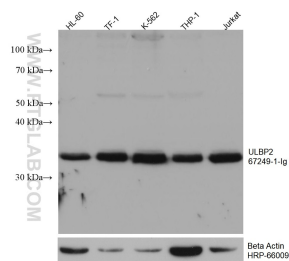
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

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



Various lysates were subjected to SDS PAGE followed by western blot with 67249-1-Ig (ULBP2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control. This data was developed using the same antibody clone with 67249-1-PBS in a different storage buffer formulation.