

## Product datasheet for **CF812163**

### LILRB3 Mouse Monoclonal Antibody [Clone ID: OTI3G9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3G9
Applications:	WB
Recommended Dilution:	WB 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 465-631 of human LILRB3 (NP_006855) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	69.2 kDa
Gene Name:	leukocyte immunoglobulin like receptor B3
Database Link:	<a href="#">NP_006855</a> <a href="#">Entrez Gene 11025 Human</a> <a href="#">O75022</a>



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**Background:**

This gene is a member of the leukocyte immunoglobulin-like receptor (LIR) family, which is found in a gene cluster at chromosomal region 19q13.4. The encoded protein belongs to the subfamily B class of LIR receptors which contain two or four extracellular immunoglobulin domains, a transmembrane domain, and two to four cytoplasmic immunoreceptor tyrosine-based inhibitory motifs (ITIMs). The receptor is expressed on immune cells where it binds to MHC class I molecules on antigen-presenting cells and transduces a negative signal that inhibits stimulation of an immune response. It is thought to control inflammatory responses and cytotoxicity to help focus the immune response and limit autoreactivity. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Synonyms:**

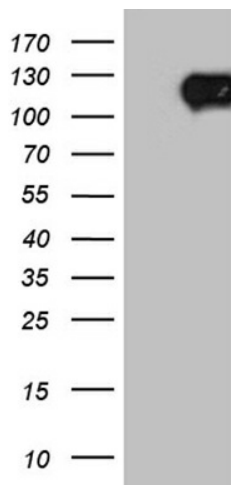
CD85A; HL9; ILT-5; ILT5; LILRA6; LIR-3; LIR3; PIRB

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

B cell receptor signaling pathway

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY LILRB3 (Cat# [RC211228], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LILRB3 antibody (Cat# [TA812163]). Positive lysates [LY416371] (100ug) and [LC416371] (20ug) can be purchased separately from OriGene.