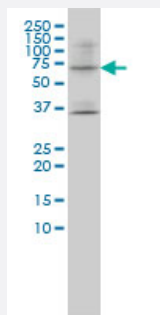


LILRB1 monoclonal antibody (M01), clone 3D3-1D12

Catalog # H00010859-M01

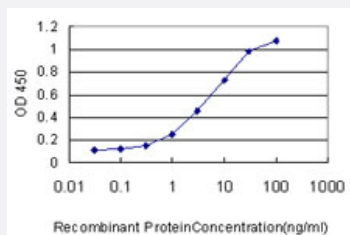
Size 100 ug

Applications



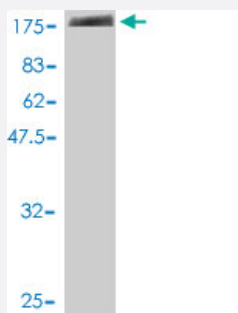
Western Blot (Cell lysate)

LILRB1 monoclonal antibody (M01), clone 3D3-1D12 Western Blot analysis of LILRB1 expression in SW-13 (Cat # L005V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LILRB1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (95.37 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant LILRB1.

Immunogen	LILRB1 (AAH15731, 18 a.a. ~ 650 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RTHVQAGHLPKPTLWAEPGSVITQGSPVTLRCQGGQETQEYRLYREKKTAPWITRIPQELVKKGQ FPIPSITWEHAGRYRCYYGSDTAGRSESSDPLELVVTGAYIKPTLSAQPSPVVNSGGNVTLCQDS QVAFDGFILCKEGEDEHPQCLNSQPHARGSSRAIFSVGPVSPSRRWWYRCYAYDSNSPYEWSL PSDLLLELLVLGVSKKPSLSVQPGPMAPEETLTLCGSDAGYNRFVLKDGGERDFLQLAGAQPPQA GLSQANFTLGPVSRSYGGQYRCYGAHNLSSEWSAPSDPLDILAGQFYDRVSLSVQPGPTVASG ENVTLTCQSQGWMQTFLLTKEGAADDPWRLRSTYQSQKYQAEFPMGPVTSAHAGTYRCYGSQS SKPYLLTHPSDPLELVVSGPSGGPSSPTTGPTSTSGPEDQPLTPTGSDPQSGLGRHLGVVIGILV AVILLLLLLLLLFLILRHRRQGKHWTSTQRKADFQHPAGAVGPEPTDRGLQWRSSPAADAQEENL YAAVKHTQPEDGVEMDTRSPHDEDPAVTYAEVKHSRPRREMASPPSPLSGEFLDTKDRQAE DRQMDTEAAASEAPQDVTYAQLHSLTLRRKATEPPPSQEGPSPAVPSIATLAIH
Host	Mouse
Reactivity	Human
Isotype	IgG1 kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (95.37 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

LILRB1 monoclonal antibody (M01), clone 3D3-1D12 Western Blot analysis of LILRB1 expression in SW-13 (Cat # L005V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

Protocol Download

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged LILRB1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — LILRB1

Entrez GeneID	10859
GeneBank Accession#	BC015731
Protein Accession#	AAH15731
Gene Name	LILRB1
Gene Alias	CD85, CD85J, FLJ37515, ILT2, LIR-1, LIR1, MIR-7, MIR7
Gene Description	leukocyte immunoglobulin-like receptor, subfamily B (with TM and ITIM domains), member 1
Omim ID	604811
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	CD85 antigen lg-like transcript 2 OTTHUMP00000068384 OTTHUMP00000068385 OTTHUMP00000068386 OTTHUMP00000068408 immunoglobulin-like transcript 2 leukocyte lg-like receptor-1 leukocyte immunoglobulin-like receptor 1 leukocyte immunoglobulin-like receptor sub

Disease

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