

# LILRA3 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant LILRA3.

Catalog # AT2714a

## Product Information

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<b>Application</b>	WB
<b>Primary Accession</b>	<a href="#">Q8N6C8</a>
<b>Other Accession</b>	<a href="#">BC028208</a>
<b>Reactivity</b>	Human
<b>Host</b>	mouse
<b>Clonality</b>	monoclonal
<b>Isotype</b>	IgG1 Kappa
<b>Clone Names</b>	2E10
<b>Calculated MW</b>	47472

## Additional Information

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<b>Gene ID</b>	11026
<b>Other Names</b>	Leukocyte immunoglobulin-like receptor subfamily A member 3, CD85 antigen-like family member E, Immunoglobulin-like transcript 6, ILT-6, Leukocyte immunoglobulin-like receptor 4, LIR-4, Monocyte inhibitory receptor HM43/HM31, CD85e, LILRA3, ILT6, LIR4
<b>Target/Specificity</b>	LILRA3 (AAH28208.1, 1 a.a. ~ 439 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Dilution</b>	WB~~1:500~1000
<b>Format</b>	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Precautions</b>	LILRA3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

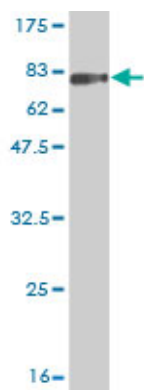
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Leukocyte Ig-like receptors (LIRs) are a family of immunoreceptors expressed predominantly on monocytes and B cells and at lower levels on dendritic cells and natural killer (NK) cells. All LIRs in subfamily B have an inhibitory function (see, e.g., LILRB1, MIM 604811). LIRs in subfamily A, with short cytoplasmic domains lacking an immunoreceptor tyrosine-based inhibitory motif (ITIM) and with transmembrane regions containing a charged arginine residue, may initiate stimulatory cascades (see LILRA1, MIM 604810). One member of subfamily A (LILRA3) lacks a transmembrane region and is presumed to be a soluble receptor (Borges et al., 1997 [PubMed 9548455]).

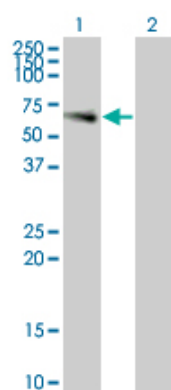
## References

1. Glycosylation in a mammalian expression system is critical for the production of functionally active leukocyte immunoglobulin-like receptor A3 protein. Lee TH, Mitchell A, Liu Lau S, An H, Rajeaskariah P, Wasinger V, Raftery M, Bryant K, Tedla NJ Biol Chem. 2013 Sep 30. 2. Soluble LILRA3, a Potential Natural Antiinflammatory Protein, Is Increased in Patients with Rheumatoid Arthritis and Is Tightly Regulated by Interleukin 10, Tumor Necrosis Factor- $\alpha$ , and Interferon- $\gamma$ . An H, Chandra V, Piraino B, Borges L, Geczy C, McNeil HP, Bryant K, Tedla N. J Rheumatol. 2010 Jul 1. [Epub ahead of print]

## Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (74.03 kDa) .



Western Blot analysis of LILRA3 expression in transfected 293T cell line by LILRA3 monoclonal antibody (M01), clone 2E9.

Lane 1: LILRA3 transfected lysate (50.485 kDa).  
Lane 2: Non-transfected lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.