

# Product Datasheet

## ILT6/CD85e/LILRA3 Antibody (2E9) - Azide and BSA Free H00011026-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00011026-M01**

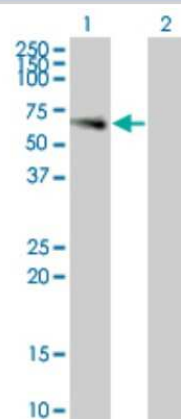
ILT6/CD85e/LILRA3 Antibody (2E9) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2E9
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	11026
Gene Symbol	LILRA3
Species	Human
Specificity/Sensitivity	LILRA3 - leukocyte immunoglobulin-like receptor, subfamily A (without TM domain), member 3
Immunogen	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. MTSILTVLICLGLSLDPRTHVQAGPLPKPTLWAEPGSVITQGSPVTLRCQGSLET QEYHLYREKKTALWITRIPQELVKKGQFPILSITWEHAGRYCCYGSHTVGLSES SDPLELVVTGAYSKPTLSALPSPVVTSGGNVTIQCDSSQVAFDGFILCKEGEDEH PQCLNSHSHARGSSRAIFSVGPVSPSRRWSYRCYGYDSRAPYVWSLPSDLLG LLVPGVSKKPSLSVQPGPVVAPGEKLTFCGSDAGYDRFVLYKEWGRDFLQR PGRQPQAGLSQANFTLGPVSRSYGGQYTCGAYNLSSEWSAPSDPLDILITGQ IRARPFLSVRPGPTVASGENVTLLCQSQGGMHTFLLTKEGAADSPLRLKSKRQ SHKYQAEFPMSPVTSAHAGTYRCYGSLSNPYLLTHPSDPLELVVSGAAETLS PPQNKSDSKAGE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA 1:100-1:2000
Application Notes	Antibody reactive against transfected lysate and recombinant protein for western blot. It has also been used for ELISA.



## Images

Western Blot: ILT6/CD85e/LILRA3 Antibody (2E9) [H00011026-M01] - 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.



## Publications

Hongyan A, Alexander R, Poornima R et al. Nuclear Leukocyte Immunoglobulin-like Receptor A3 Is Monomeric and Is Involved in Multiple Layers of Regulated Gene Expression and Translation. *J Proteome Res.* 2021-04-01 [PMID: 33793249]

Low HZ, Ahrenstorf G, Pommerenke C et al. TLR8 regulation of LILRA3 in monocytes is abrogated in human immunodeficiency virus infection and correlates to CD4 counts and virus loads. *Retrovirology* 2016-03-12 [PMID: 26969150]

An H, Lim C, Guillemin GJ et al. Serum Leukocyte Immunoglobulin-Like Receptor A3 (LILRA3) Is Increased in Patients with Multiple Sclerosis and Is a Strong Independent Indicator of Disease Severity; 6.7kbp LILRA3 Gene Deletion Is Not Associated with Diseases Susceptibility. *PLoS One* 2016-02-12 [PMID: 26871720]

An H, Brett M, Lee T et al. Soluble LILRA3 promotes neurite outgrowth and synapses formation through high affinity interaction with Nogo 66. *J Cell Sci* 2016-01-29 [PMID: 26826187]

Lee TH, Mitchell A, Liu Lau S et al. Glycosylation in a mammalian expression system is critical for the production of functionally active leukocyte immunoglobulin-like receptor A3 protein. *J Biol Chem.* 2013-09-30 [PMID: 24085305]

An H, Chandra V, Piraino B et al. 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- $\gamma$ . *J Rheumatol.* 2010-07-01 [PMID: 20595277]



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### **Products Related to H00011026-M01**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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