

# Product Datasheet

## Lefty-1 Antibody (2E10) - Azide and BSA Free H00010637-M03

Unit Size: 0.1 mg

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

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**H00010637-M03**

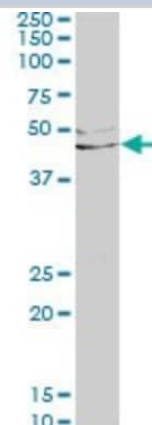
Lefty-1 Antibody (2E10) - Azide and BSA Free

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	2E10
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Host	Mouse
Gene ID	10637
Gene Symbol	LEFTY1
Species	Human, Mouse
Reactivity Notes	Human. Other species not tested.
Specificity/Sensitivity	LEFTY1 - left-right determination factor 1
Immunogen	LEFTY1 (AAH27883, 1 a.a. ~ 366 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MQPLWLCWALWVLPLASPGAALAGEQLLGSLLRQLQLKEVPTLDRADMEELVI PTHVRAQYVALLQRSHGDRSRGKRFSQSFRVAGRFLALEASTHLLVFGMEQ RLPPNSELVQAVLRLFQEPVPAALHRHGRSLRSARARVTVEWLRVRDDGS NRTSLIDSRLVSVHESGWKAFDVTEAVNFWQQLSRPRQPLLLQVSVQREHLG PLASGAHKLVRFASQGAPAGLGEPQLELHTLDLGDYGAQGDCEAPMTEGT RCCRQEMYIDLQGMKWAENWVLEPPGFLAYECVGTCTCRQPPEALAFKWPFLG PRQCIASETDSLPMIVSIKEGGRTTPQVVSLPNMRVQKSCASDGALVPRRLQ P
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:500, ELISA, Immunocytochemistry/ Immunofluorescence
Application Notes	Antibody reactive against cell lysate for western blot. It has also been used for ELISA.

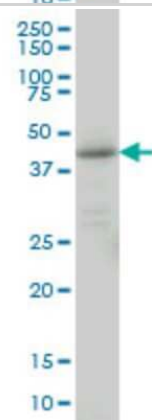


## Images

Western Blot: Lefty-1 Antibody (2E10) [H00010637-M03] - Analysis of LEFTY1 expression in C32 (Cat # L002V1).



Western Blot: Lefty-1 Antibody (2E10) [H00010637-M03] - Analysis of LEFTY1 expression in THP-1 (Cat # L007V1).



## Publications

Yamasaki A, Kasai A, Toi A et al. Identification of the role of bone morphogenetic protein (BMP) and TGF- $\beta$  signaling in the trajectory of serotonergic differentiation in a rapid assay in mouse embryonic stem cells in vitro. J Neurochem. 2014-11-25 [PMID: 25421849]



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### **Products Related to H00010637-M03**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
H00010637-P01-10ug	Recombinant Human Lefty-1 GST (N-Term) Protein

### **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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