

Product Datasheet

LIGHT/TNFSF14 Antibody (4E3) H00008740-M01-100ug

Unit Size: 100 ug

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

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H00008740-M01-100ug

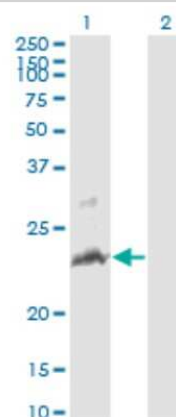
LIGHT/TNFSF14 Antibody (4E3)

| Product Information | |
|-----------------------------|---|
| Unit Size | 100 ug |
| 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 | 4E3 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Description | Quality control test: Antibody Reactive Against Recombinant Protein. |
| Host | Mouse |
| Gene ID | 8740 |
| Gene Symbol | TNFSF14 |
| Species | Human |
| Specificity/Sensitivity | TNFSF14 - tumor necrosis factor (ligand) superfamily, member 14 |
| Immunogen | TNFSF14 (AAH18058, 61 a.a. ~ 170 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. LHWRLGEMVTRLPDGPAGSWEQLIQERRSHEVNPA AHLTGANSSLTGSGGPL LWETQLGVAFRLGLSYHDGALVVTKAGYYYIYSKVQLGGVGCPLGLASTITHGL YKRT |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Paraffin |
| Application Notes | Antibody reactivity against recombinant protein for WB. It has been used for IHC-P and ELISA. |

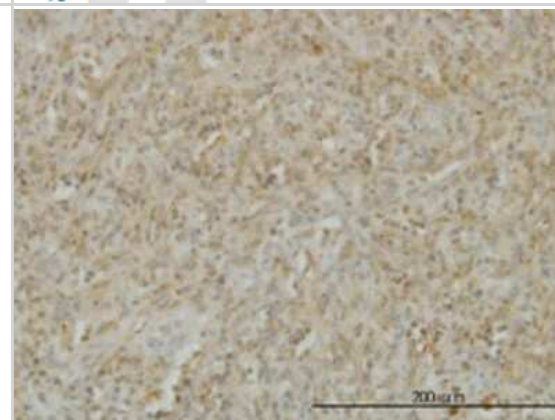


Images

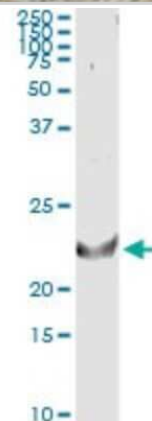
Western Blot: LIGHT/TNFSF14 Antibody (4E3) [H00008740-M01] - Analysis of TNFSF14 expression in transfected 293T cell line by TNFSF14 monoclonal antibody (M01), clone 4E3. Lane 1: TNFSF14 transfected lysate(22.4 KDa). Lane 2: Non-transfected lysate.



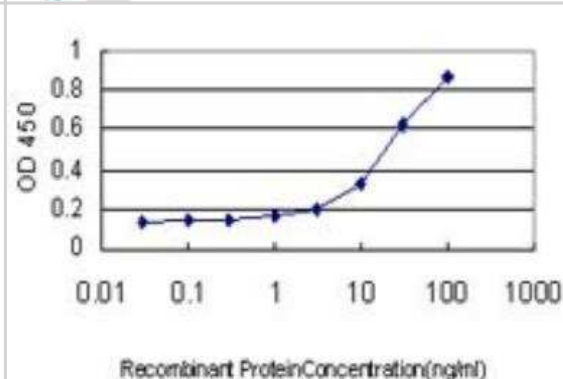
Immunohistochemistry-Paraffin: LIGHT/TNFSF14 Antibody (4E3) [H00008740-M01] - Analysis of monoclonal antibody to TNFSF14 on formalin-fixed paraffin-embedded human spleen. Antibody concentration 3 ug/ml.



Immunoprecipitation: LIGHT/TNFSF14 Antibody (4E3) [H00008740-M01] - Analysis of TNFSF14 transfected lysate using anti-TNFSF14 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with TNFSF14 MaxPab rabbit polyclonal antibody.



ELISA: LIGHT/TNFSF14 Antibody (4E3.) [H00008740-M01] - LIGHT/TNFSF14 Antibody (4E3) [H00008740-M01] - Detection limit for recombinant GST tagged TNFSF14 is approximately 1ng/ml as a capture antibody.



Publications

Tsunahiko H, Kazuto M, Keiji O et al. Abundant TNF-LIGHT expression in the airways of patients with asthma with persistent airflow limitation: Association with nitrative and inflammatory profiles. *Respir Investig.* 2021-07-07 [PMID: 34244107]



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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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