

Product datasheet

Anti-LMO2 antibody ab222847

2 Images

Overview

| | |
|----------------------------|---|
| Product name | Anti-LMO2 antibody |
| Description | Rabbit polyclonal to LMO2 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P, WB |
| Species reactivity | Reacts with: Mouse, Human |
| Immunogen | Recombinant fragment corresponding to Human LMO2 aa 1-100. Database link: P25791 |
| Positive control | WB: Mouse spleen tissue lysate. IHC-P: Human tonsil tissue. |
| General notes | <p>Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.</p> <p>Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.</p> <p>We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.</p> <p>In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.</p> <p>We are also updating the applications & species that this product has been “predicted to work with,” however this information is not covered by our Abpromise guarantee.</p> <p>Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.</p> <p>Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, as well as customer reviews and Q&As.</p> |

Properties

| | |
|-------------|--------|
| Form | Liquid |
|-------------|--------|

| | |
|-----------------------------|---|
| Storage instructions | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| Storage buffer | pH: 7.40 Constituents: 50% Glycerol (glycerin, glycerine), PBS, 0.03% Proclin 300 |
| Purity | Protein G purified |
| Purification notes | Purity >95% |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab222847** in the following tested applications.

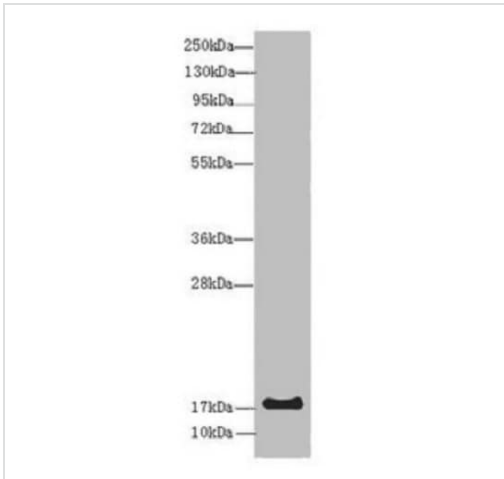
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|------------------|
| IHC-P | | 1/20 - 1/200. |
| WB | | 1/1000 - 1/5000. |

Target

| | |
|-------------------------------|--|
| Function | Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state. |
| Involvement in disease | Note=A chromosomal aberration involving LMO2 may be a cause of a form of T-cell acute lymphoblastic leukemia (T-ALL). Translocation t(11,14)(p13;q11) with TCRD. |
| Sequence similarities | Contains 2 LIM zinc-binding domains. |
| Domain | The second LIM zinc-binding domain interacts with KDM5A. |
| Cellular localization | Nucleus. |

Images



Western blot - Anti-LMO2 antibody (ab222847)

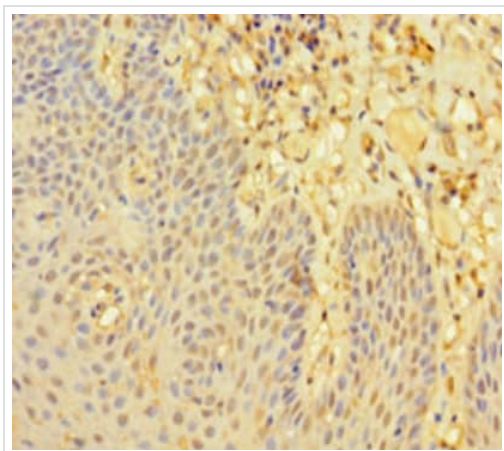
Anti-LMO2 antibody (ab222847) at 1/1000 dilution + mouse spleen tissue lysate

Secondary

Goat polyclonal to rabbit IgG at 1/10000 dilution

Observed band size: 18 kDa

[why is the actual band size different from the predicted?](#)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO2 antibody (ab222847)

Paraffin embedded human tonsil tissue stained for LMO2 with ab222847 at 1/100 dilution in immunohistochemical analysis.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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