

Anti-LMO2 antibody ab70633

1 Image

Overview

| | |
|---------------------|---|
| Product name | Anti-LMO2 antibody |
| Description | Rabbit polyclonal to LMO2 |
| Host species | Rabbit |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Human |
| Immunogen | Synthetic peptide within Human LMO2 aa 1-100. The exact sequence is proprietary. Database link: P25791 |
| Positive control | IHC-P: Human tonsil tissue. |
| General notes | <p>This product is FOR RESEARCH USE ONLY. For commercial use, please contact partnerships@abcam.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|----------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | pH: 7.60 Preservative: 0.1% Sodium azide Constituents: PBS, 1% BSA |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70633 in the following tested applications.

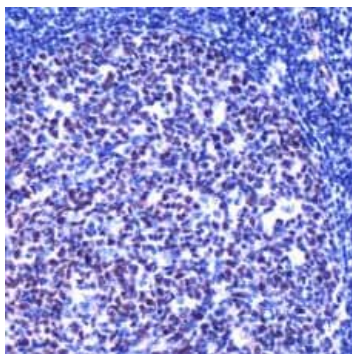
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|---|
| IHC-P | | 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. 1/100 for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min. |

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



Human tonsil tissue stained with ab70633 at 1/100 dilution.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-LMO2 antibody (ab70633)

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

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