

Product datasheet

Anti-LMO2 antibody, prediluted ab70632

1 Image

Overview

<b>Product name</b>	Anti-LMO2 antibody, prediluted
<b>Description</b>	Rabbit polyclonal to LMO2, prediluted
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide corresponding to human LMO2 protein
<b>Positive control</b>	Human tonsil tissue

Properties

<b>Form</b>	Prediluted
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, 50mM Tris, pH 7.6
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab70632** 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		

<b>Application notes</b>	<p>IHC-P: Use at an assay dependent dilution.</p> <p>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</p> <p>Not yet tested in other applications.</p>
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Optimal dilutions/concentrations should be determined by the end user.

## Target

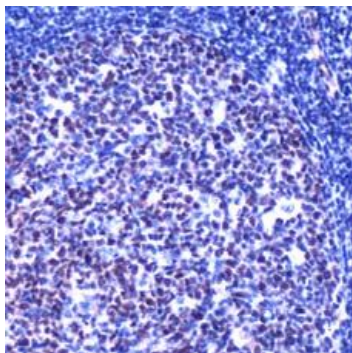
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<b>Function</b>	Acts with TAL1/SCL to regulate red blood cell development. Also acts with LDB1 to maintain erythroid precursors in an immature state.
<b>Involvement in disease</b>	Note=A chromosomal aberration involving LMO2 may be a cause of a form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

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## Images

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Human tonsil stained with neat ab70632 for 30 min at RT.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - LMO2 antibody, prediluted (ab70632)

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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