


Product datasheet

Anti-HOXB5 antibody [EP2827] ab109375

RabMAb

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Overview

Product name	Anti-HOXB5 antibody [EP2827]
Description	Rabbit monoclonal [EP2827] to HOXB5
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat 
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	Human fetal lung and Human fetal kidney lysates
General notes	<p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</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. Store at -20°C. Stable for 12 months at -20°C.
Storage buffer	pH: 7.20 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal

Clone number EP2827
Isotype IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab109375 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
Flow Cyt (Intra)		1/10 - 1/100. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 29 kDa.

Application notes Is unsuitable for ICC/IF or IHC-P.

Target

Function Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

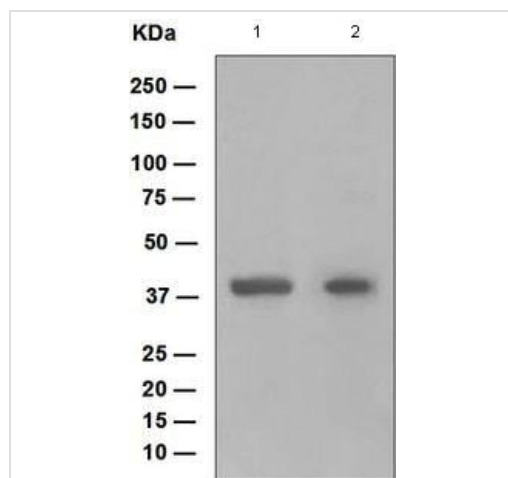
Tissue specificity Spinal cord.

Sequence similarities Belongs to the Antp homeobox family.
Contains 1 homeobox DNA-binding domain.

Developmental stage Embryo.

Cellular localization Nucleus.

Images



Western blot - Anti-HOXB5 antibody [EP2827]
(ab109375)

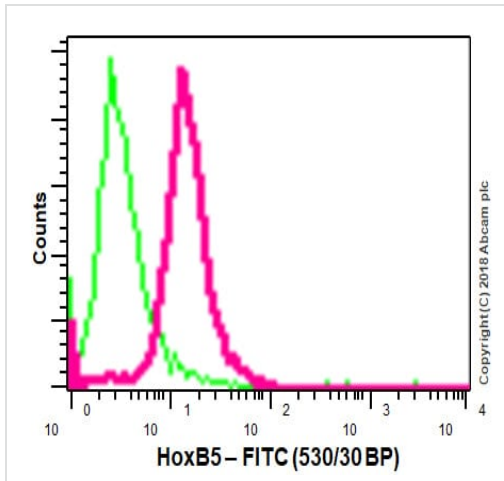
All lanes : Anti-HOXB5 antibody [EP2827] (ab109375) at 1/1000 dilution

Lane 1 : Human fetal lung lysate

Lane 2 : Human fetal kidney lysate

Lysates/proteins at 10 µg/ml per lane.

Predicted band size: 29 kDa



Flow Cytometry (Intracellular) - Anti-HOXB5 antibody
[EP2827] (ab109375)

ab109375 staining the HOXB5 in U-87 MG (Human glioblastoma-astrocytoma epithelial cell) by intracellular flow cytometry. The sample was incubated with the primary antibody at 1/80 (Pink) for 30 minutes at 4°C. A FITC-conjugated Goat anti-rabbit IgG (1/150) was used as the secondary antibody.

Rabbit monoclonal IgG was used as an Isotype control (Green)

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