

Anti-HOXB5 antibody [EP2827] - BSA and Azide free ab284782

RabMAb

2 Images

Overview

Product name	Anti-HOXB5 antibody [EP2827] - BSA and Azide free
Description	Rabbit monoclonal [EP2827] to HOXB5 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB, Flow Cyt (Intra) Unsuitable for: ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal lung and Human fetal kidney lysates Flow Cyt (Intra): U-87 MG
General notes	ab284782 is the carrier-free version of ab109375

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.

Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb[®] patents](#).

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.

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.2 Constituent: 100% PBS
Carrier free	Yes
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EP2827
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab284782 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

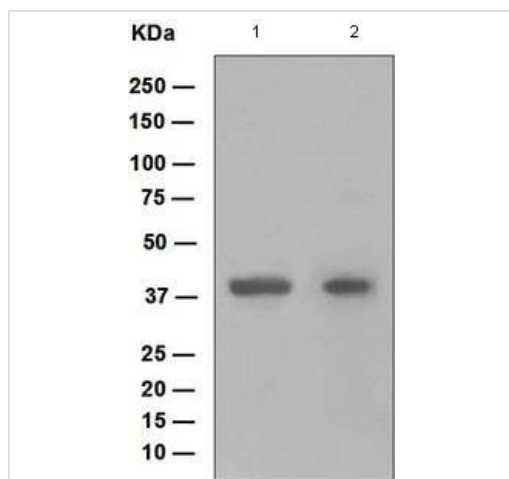
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 29 kDa.
Flow Cyt (Intra)		Use at an assay dependent concentration. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.

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] - BSA and Azide free (ab284782)

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

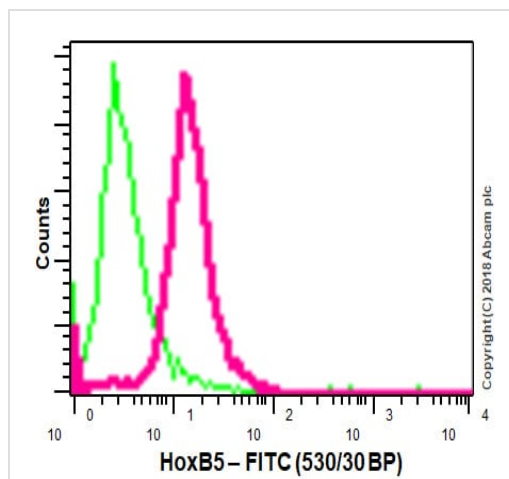
Lane 1 : Human fetal lung lysate

Lane 2 : Human fetal kidney lysate

Lysates/proteins at 10 µg/ml per lane.

Predicted band size: 29 kDa

This data was developed using [ab109375](#), the same antibody clone in a different buffer formulation.



Flow Cytometry (Intracellular) - Anti-HOXB5 antibody [EP2827] - BSA and Azide free (ab284782)

This data was developed using [ab109375](#), the same antibody clone in a different buffer formulation.

[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)

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

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