


Product datasheet

Anti-HOXD10 antibody [EPR9374] α b138508

Recombinant **RabMAb**

[9 References](#) [3 Images](#)

Overview

Product name	Anti-HOXD10 antibody [EPR9374]
Description	Rabbit monoclonal [EPR9374] to HOXD10
Host species	Rabbit
Tested applications	Suitable for: Flow Cyt (Intra), WB Unsuitable for: ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Human Predicted to work with: Rat 
Immunogen	Synthetic peptide within Human HOXD10 aa 50-150. The exact sequence is proprietary.
Positive control	ECV-304, Fetal heart, Mouse heart, and HeLa whole cell lysate (ab150035), HeLa cells
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <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>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
Purity	Tissue culture supernatant
Clonality	Monoclonal
Clone number	EPR9374

Isotype

IgG

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab138508 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)		1/100 - 1/500. ab172730 - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.
WB		1/1000 - 1/10000. Predicted molecular weight: 38 kDa.

Application notes

Is unsuitable for ICC/IF, IHC-P or IP.

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

Strongly expressed in the adult male and female urogenital tracts.

Involvement in disease

Defects in HOXD10 are a cause of congenital vertical talus (CVT) [MIM:192950]; also known as rocker-bottom foot deformity or congenital convex pes valgus. CVT is a dislocation of the talonavicular joint, with rigid dorsal dislocation of the navicular over the neck of the talus. This condition is usually associated with multiple other congenital deformities and only rarely is an isolated deformity.

Sequence similarities

Belongs to the Abd-B homeobox family.
Contains 1 homeobox DNA-binding domain.

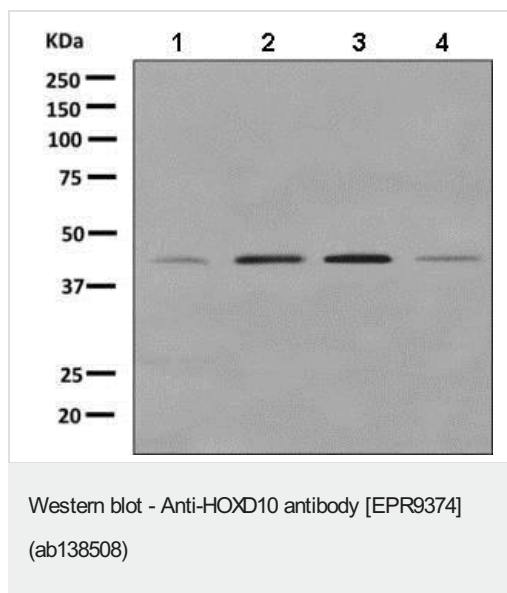
Developmental stage

Expressed in the developing limb buds.

Cellular localization

Nucleus.

Images



All lanes : Anti-HOXD10 antibody [EPR9374] (ab138508) at 1/1000 dilution

Lane 1 : ECV-304 cell lysate

Lane 2 : Fetal heart cell lysate

Lane 3 : Mouse heart cell lysate

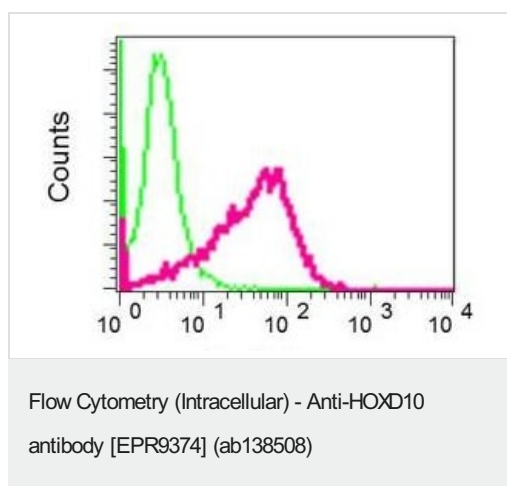
Lane 4 : HeLa cell lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 38 kDa



Intracellular flow cytometrical analysis of permeabilized HeLa cells with ab138508 antibody at a dilution of 1/100 (red) or a rabbit IgG negative (green).

Why choose a recombinant antibody?

<p>Research with confidence Consistent and reproducible results</p>	<p>Long-term and scalable supply Recombinant technology</p>
<p>Success from the first experiment Confirmed specificity</p>	<p>Ethical standards compliant Animal-free production</p>

Anti-HOXD10 antibody [EPR9374] (ab138508)

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

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