

## Product datasheet

# Anti-HOXA5 antibody ab55239

★★★★★ 2 Abreviews 4 图像

### 概述

产品名称	Anti-HOXA5抗体
描述	小鼠单克隆抗体to HOXA5
经测试应用	适用于: WB, Flow Cyt
种属反应性	与反应: Mouse, Rabbit, Human
免疫原	Recombinant fragment: PAQPQIYPWM RKLHISHDNI GGPEGKRART AYTRYQTLEL EKEFHFNRYL TRRRRIEIAH ALCLSERQIK WFAQNRRMKW KKDNKLSMS MAAAGGAFRP , corresponding to amino acids 171-271 of Human HOXA5 <a href="#">Run BLAST with ExPASy</a> <a href="#">Run BLAST with NCBI</a>

### 性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
存储溶液	Preservative: None PBS, pH 7.2
纯度	Protein G purified
克隆	单克隆
同种型	IgG2a
轻链类型	kappa

### 应用

Our [Abpromise guarantee](#) covers the use of **ab55239** in the following tested applications.

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

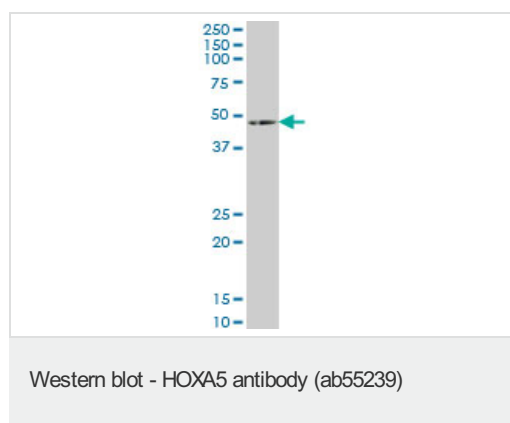
应用	Ab评论	说明
WB	★★★★★	Use a concentration of 1 - 5 µg/ml.

应用	Ab评论	说明
Flow Cyt		Use 0.5µg for 10 <sup>6</sup> cells. <a href="#">ab170191</a> -Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

## 靶标

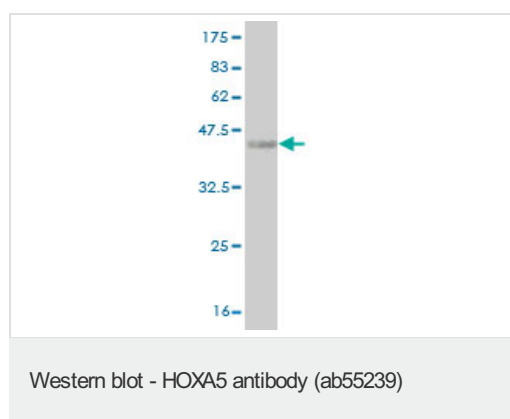
功能	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. Also binds to its own promoter. Binds specifically to the motif 5'-CYYNATTA[TG]Y-3'.
序列相似性	Belongs to the Antp homeobox family. Contains 1 homeobox DNA-binding domain.
发展阶段	Expressed during embryogenesis and in adult kidney.
细胞定位	Nucleus.

## 图片

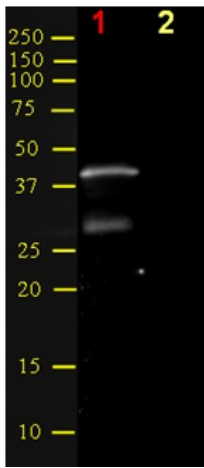


Anti-HOXA5 antibody (ab55239) + Human skeletal muscle

**Observed band size : 49 kDa**



Anti-HOXA5 antibody (ab55239) + Recombinant immunogen with 25 kDa tag.



Western blot - HOXA5 antibody (ab55239)

**All lanes :** Anti-HOXA5 antibody (ab55239)  
at 1 µg/ml (Anti-HOXA5 Antibody )

**Lane 1 :** HOXA5 Transfected 293T cell lysate

**Lane 2 :** 293T cell lysate

Lysates/proteins at 15 µg per lane.

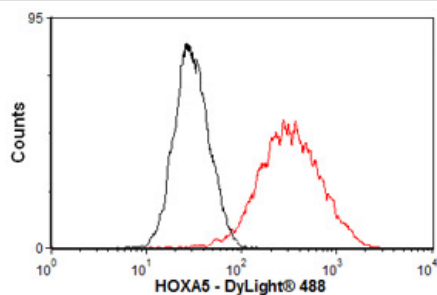
### Secondary

Goat anti-mouse IgG-HRP

**Observed band size :** 29 kDa

**Additional bands at :** 45 kDa. We are unsure as to the identity of these extra bands.

**Exposure time :** 90 seconds



Flow Cytometry-Anti-HOXA5 antibody(ab55239)

Overlay histogram showing HEK293 cells stained with ab55239 (red line). The cells were fixed with 4% paraformaldehyde (10 min) and then permeabilized with 0.1% PBS-Tween for 20 min. The cells were then incubated in 1x PBS / 10% normal goat serum / 0.3M glycine to block non-specific protein-protein interactions followed by the antibody (ab55239, 0.5µg/1x10<sup>6</sup> cells) for 30 min at 22°C. The secondary antibody used was DyLight® 488 goat anti-mouse IgG (H+L) (ab96879) at 1/500 dilution for 30 min at 22°C. Isotype control antibody (black line) was mouse IgG2a [ICIGG2A] (ab91361, 1µg/1x10<sup>6</sup> cells) used under the same conditions. Acquisition of >5,000 events was performed. This antibody gave a positive signal in HEK293 cells fixed with 80% methanol (5 min)/permeabilized with 0.1% PBS-Tween for 20 min used under the same conditions.

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

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