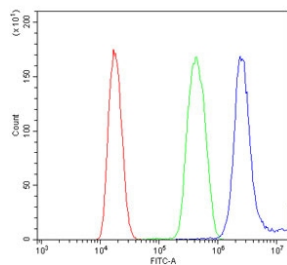


## HOXB9 Antibody (RQ6133)

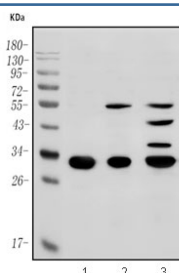
Catalog No.	Formulation	Size
RQ6133	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P17482
<b>Applications</b>	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This HOXB9 antibody is available for research use only.



Flow cytometry testing of human K562 cells with HOXB9 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= HOXB9 antibody.



Western blot testing of human 1) K562, 2) HEK293 and 3) Caco-2 cell lysate with HOXB9 antibody. Predicted molecular weight ~32 kDa.

## Description

Homeobox protein Hox-B9 is a protein that in humans is encoded by the HOXB9 gene. This gene is a member of the Abd-B homeobox family and encodes a protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded nuclear protein functions as a sequence-specific transcription factor that is involved in cell proliferation and differentiation. Increased expression of this gene is associated with some cases of leukemia, prostate cancer and lung cancer.

## Application Notes

Optimal dilution of the HOXB9 antibody should be determined by the researcher.

## Immunogen

A human recombinant partial protein (amino acids T6-S184) was used as the immunogen for the HOXB9 antibody.

## Storage

After reconstitution, the HOXB9 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.