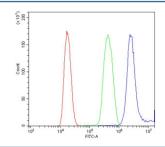


# **HOXB9 Antibody (RQ6133)**

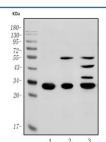
Catalog No.	Formulation	Size
RQ6133	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

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