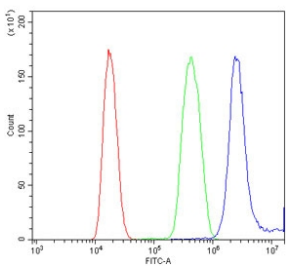
HOXB9 Antibody (RQ6133)

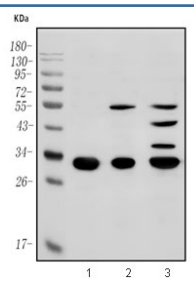
Catalog No.	Formulation	Size
RQ6133	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
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.

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