

HOXB4 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3540
Host	Mouse
Isotype	Mouse IgG2a
Size	100 μ L, 50 μ L
Immunogen	Purified recombinant fragment of human HOXB4 (AA: 16-251) expressed in E. Coli.
Mol wt	27.6kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	HOX2;HOX2F;HOX-2.6

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of the Antp homeobox family and encodes a nuclear protein with a homeobox DNA-binding domain. It is included in a cluster of homeobox B genes located on chromosome 17. The encoded protein functions as a sequence-specific transcription factor that is involved in development. Intracellular or ectopic expression of this protein expands hematopoietic stem and progenitor cells in vivo and in vitro, making it a potential candidate for therapeutic stem cell expansion.

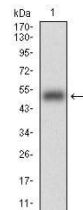
Recommended Dilution

WB: 1:500 - 1:2000

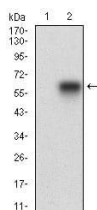
ELISA: 1:10000

Not yet tested in other applications.

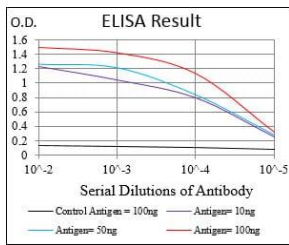
Images



Western blot analysis using HOXB4 mAb against human HOXB4 (AA: 16-251) recombinant protein.
(Expected MW is 51.9 kDa)



Western blot analysis using HOXB4 mAb against HEK293 (1) and HOXB4 (AA: 16-251)-hIgGfc transfected HEK293 (2) cell lysate.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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