

Mouse anti-Human HOXB7 Monoclonal Antibody | anti-HOXB7 antibody

Mouse monoclonal antibody Anti-Human HOXB7

CATALOG # AAA36371	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Dot Blot
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PRODUCT SYNONYMS

HOXB7; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human HOXB7; Homo sapiens homeo box B7; mRNA (cDNA clone MGC:21362 IMAGE:4413080); HHO.C1; Hox-2.3; anti-HOXB7 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	747C4a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	837
Applicable Applications for anti-HOXB7 antibody	WB (Western Blot), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



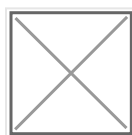
WB (Western Blot)

Detection of human HOXB7 by Western blot. Samples: Whole cell lysate (50 ug) from A2058 cells. [Lot No. 747C4a-1] Predicted molecular weight: 25 kDa



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-HOXB7 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-HOXB7 antibody	This gene is a member of the Antp 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 melanoma and ovarian carcinoma. [NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15929846
NCBI GeneID	3217
Molecular Weight	24,015 Da
NCBI Official Full Name	Homo sapiens homeobox B7, mRNA
NCBI Official Synonym Full Names	homeobox B7
NCBI Official Symbol	HOXB7
NCBI Official Synonym Symbols	HOX2; HOX2C; HHO.C1; Hox-2.3
NCBI Protein Information	homeobox protein Hox-B7; homeo box 2C; homeo box B7; homeo box c1 protein; homeobox protein HHO.C1; homeobox protein Hox-2C
UniProt Protein Name	Homeobox protein Hox-B7
UniProt Gene Name	HOXB7
UniProt Entry Name	HXB7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hoxb7-antibody-clone-747c4a-western-blot-dot-blot-elisa/36371>