



# HoxB5 Monoclonal Antibody

<b>Catalog No</b>	BYmab-15766
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB
<b>Gene Name</b>	HOXB5
<b>Protein Name</b>	Homeobox protein Hox-B5
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human HoxB5. AA range:150-199
<b>Specificity</b>	HoxB5 Monoclonal Antibody detects endogenous levels of HoxB5 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	HOXB5; HOX2A; Homeobox protein Hox-B5; Homeobox protein HHO.C10; Homeobox protein Hox-2A; Homeobox protein Hu-1
<b>Observed Band</b>	29kD
<b>Cell Pathway</b>	Nucleus.
<b>Tissue Specificity</b>	Spinal cord.
<b>Function</b>	developmental stage:Embryo.,function:Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.,similarity:Belongs to the Antp homeobox family.,similarity:Contains 1 homeobox DNA-binding domain.,tissue specificity:Spinal cord.,
<b>Background</b>	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 lung and gut development. Increased expression of this gene is associated with a distinct

**Nanjing BYabscience technology Co.,Ltd**



biologic subset of acute myeloid leukemia (AML) and the occurrence of bronchopulmonary sequestration (BPS) and congenital cystic adenomatoid malformation (CCAM) tissue. [provided by RefSeq, Jul 2008],

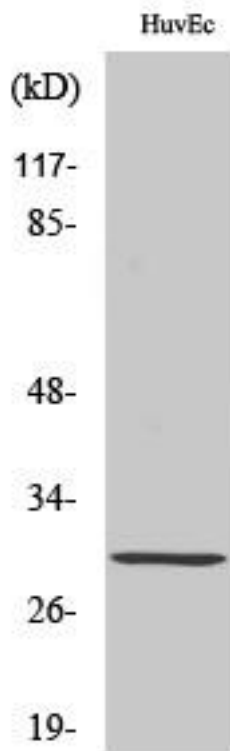
**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images



Western Blot analysis of various cells using HoxB5 Monoclonal Antibody