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HOXC8 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant HOXC8.
Catalog # AT2423a

Specification

HOXC8 Antibody (monoclonal) (M01) - Product Information

Application	**WB, E**
Primary Accession	P31273
Other Accession	NM_022658
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**27755**

HOXC8 Antibody (monoclonal) (M01) - Additional Information

Gene ID 3224

Other Names
Homeobox protein Hox-C8, Homeobox protein Hox-3A, HOXC8, HOX3A

Target/Specificity
HOXC8 (NP_073149, 47 a.a. ~ 136 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
HOXC8 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

HOXC8 Antibody (monoclonal) (M01) - Protocols

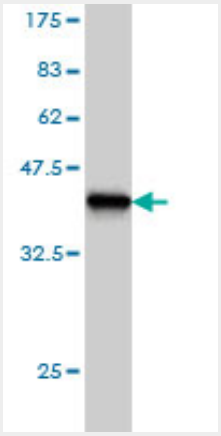
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

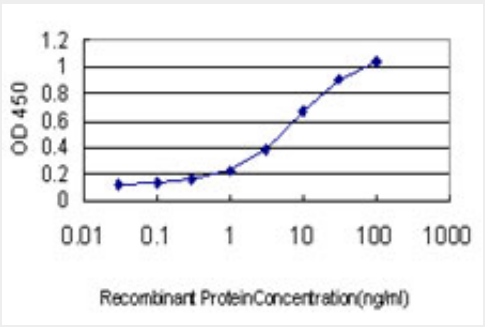
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

HOXC8 Antibody (monoclonal) (M01) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (35.64 KDa) .



Detection limit for recombinant GST tagged HOXC8 is approximately 0.1ng/ml as a capture antibody.

HOXC8 Antibody (monoclonal) (M01) - Background

This gene belongs to the homeobox family of genes. The homeobox genes encode a highly conserved family of transcription factors that play an important role in morphogenesis in all multicellular organisms. Mammals possess four similar homeobox gene clusters, HOXA, HOXB, HOXC and HOXD, which are located on different chromosomes and consist of 9 to 11 genes arranged in tandem. This gene is one of several homeobox HOXC genes located in a cluster on chromosome 12. The product of this gene may play a role in the regulation of cartilage differentiation. It could also be involved in chondrodysplasias or other cartilage disorders.

HOXC8 Antibody (monoclonal) (M01) - References

1.Ratio of miR-196s to HOXC8 Messenger RNA Correlates with Breast Cancer Cell Migration and Metastasis.Li Y, Zhang M, Chen H, Dong Z, Ganapathy V, Thangaraju M, Huang S.Cancer Res. 2010 Oct 15;70(20):7894-904. Epub 2010 Aug 24.