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Datasheet for ABIN561317

anti-HOXA7 antibody (AA 58-112)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	HOXA7
Binding Specificity:	AA 58-112
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXA7 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HOXA7.
Immunogen:	HOXA7 (NP_008827, 58 a.a. ~ 112 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NSPLYQSPFA SGYGLGADAY GNLPCASYDQ NIPGLCSDLA KGACDKTDEG ALHGA
Clone:	2F2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HOXA7
Alternative Name:	HOXA7 (HOXA7 Products)
Background:	Full Gene Name: homeobox A7 Synonyms: ANTP,HOX1,HOX1.1,HOX1A
Gene ID:	3204
NCBI Accession:	NM_006896

Application Details

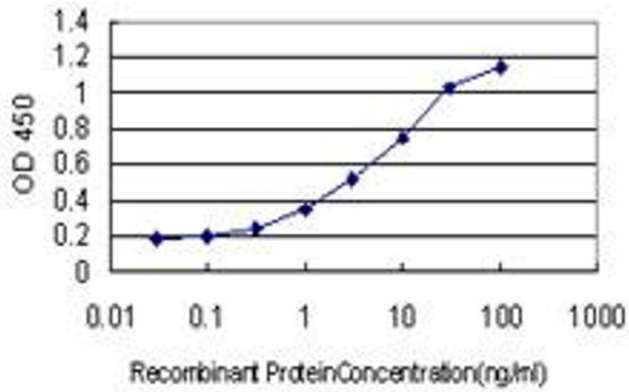
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

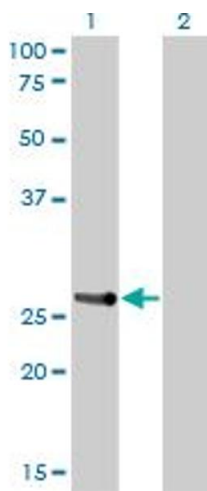
Publications

Product cited in:	Chung, Jee, Chae, Jeon, Lee, Rha: "HOX gene analysis of endothelial cell differentiation in human bone marrow-derived mesenchymal stem cells." in: Molecular biology reports , Vol. 36, Issue 2, pp. 227-35, (2008) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged HOXA7 is approximately 0.1ng/ml as a capture antibody.

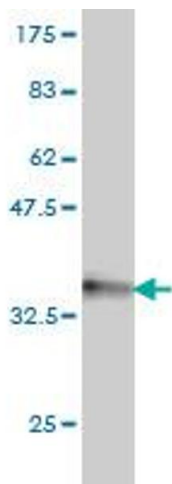


Western Blotting

Image 2. Western Blot analysis of HOXA7 expression in transfected 293T cell line by HOXA7 monoclonal antibody (M01), clone 2F2.

Lane 1: HOXA7 transfected lysate(25.4 KDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 3. Western Blot detection against Immunogen (31.79 KDa) .