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Datasheet for ABIN516607

anti-HOXA5 antibody (AA 171-270)

3 Images

1 Publication

Overview

Quantity:	100 µg
Target:	HOXA5
Binding Specificity:	AA 171-270
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HOXA5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant HOXA5.
Immunogen:	HOXA5 (NP_061975.1, 171 a.a. ~ 270 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PAQPQIYPWM RKLHISHDNI GGPEGKRART AYTRYQTLEL EKEFHFNRYL TRRRRIEIAH ALCLSERQIK IWFQNRMMKW KKDNKCLKSMS MAAAGGAFRP
Clone:	3C2
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	HOXA5
Alternative Name:	HOXA5 (HOXA5 Products)
Background:	Full Gene Name: homeobox A5 Synonyms: HOX1,HOX1.3,HOX1C,MGC9376
Gene ID:	3202
NCBI Accession:	NM_019102

Application Details

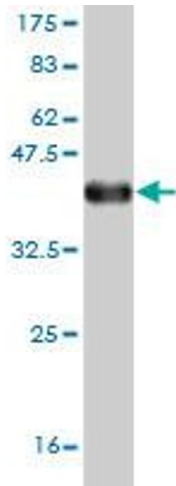
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

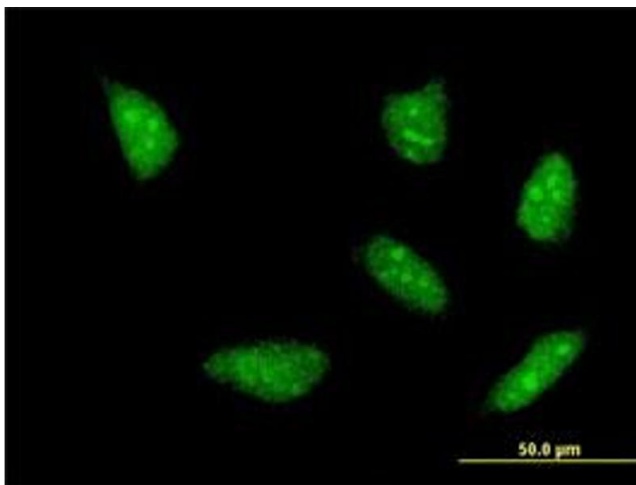
Publications

Product cited in:	Schummer, Thorpe, Giraldez, Bergan, Tewari, Urban: "Evaluating Serum Markers for Hormone Receptor-Negative Breast Cancer." in: PLoS ONE , Vol. 10, Issue 11, pp. e0142911, (2015) (PubMed).
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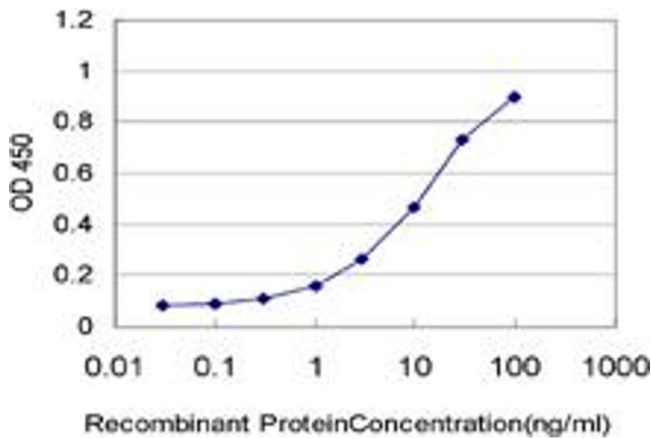
Western Blotting

Image 1. Western Blot detection against Immunogen (36.63 KDa) .



Immunofluorescence

Image 2. Immunofluorescence of monoclonal antibody to HOXA5 on HeLa cell. (antibody concentration 10 μg/mL)



ELISA

Image 3. Detection limit for recombinant GST tagged HOXA5 is approximately 0.3ng/ml as a capture antibody.