

Datasheet for ABIN518080

anti-MUC1 antibody (AA 315-420)**2** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MUC1
Binding Specificity:	AA 315-420
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MUC1.
Immunogen:	MUC1 (NP_877418.1, 315 a.a. ~ 420 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NSSLEDPSTD YYQELQRDIS EMFLQYKQG GFLGLSNIKF RPGSVVVQLT LAFREGTINV HDMETQFNQY KTEAASRYNL TISDVSVSVDV PFPFSAQSGA GVPGWG
Clone:	3B9
Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	MUC1
Alternative Name:	MUC1 (MUC1 Products)
Background:	Full Gene Name: mucin 1, cell surface associated Synonyms: CD227,EMA,H23AG,MAM6,PEM,PEMT,PUM
Gene ID:	4582
NCBI Accession:	NM_182741
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

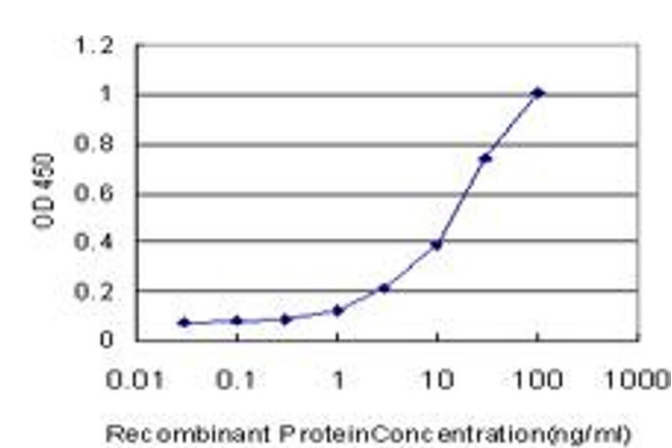
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

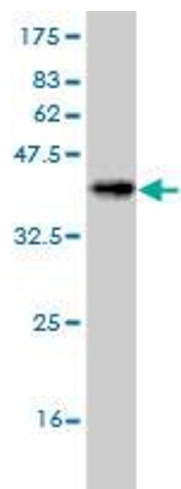
Publications

Product cited in:	Desmetz, Bascoul-Mollevi, Rochaix, Lamy, Kramar, Rouanet, Maudelonde, Mangé, Solassol: " Identification of a new panel of serum autoantibodies associated with the presence of in situ carcinoma of the breast in younger women." in: Clinical cancer research : an official journal of the American Association for Cancer Research , Vol. 15, Issue 14, pp. 4733-41, (2009) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged MUC1 is approximately 0.3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (37.4 KDa) .