

Datasheet for ABIN518081
anti-MUC1 antibody (AA 315-420)



[Go to Product page](#)

3 Images

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, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

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 EMFLQIYKQG GFLGLSNIKF RPGSVVVQLT LAFREGTINV HDMETQFNQY KTEAASRYNL TISDVSVSVDV PFPFSAQSGA GVPGWG
Clone:	1B7
Isotype:	IgG2a
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

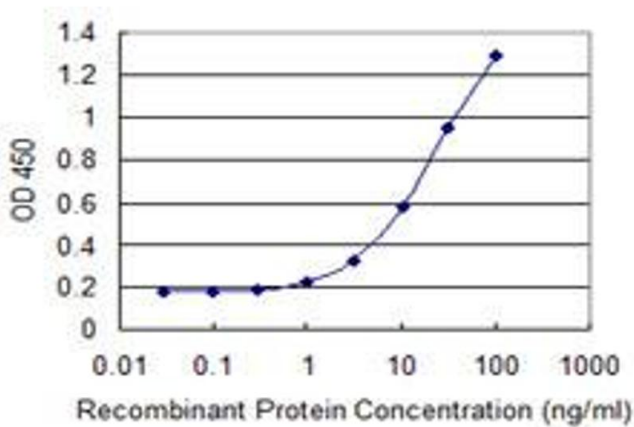
Application Details

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

Handling

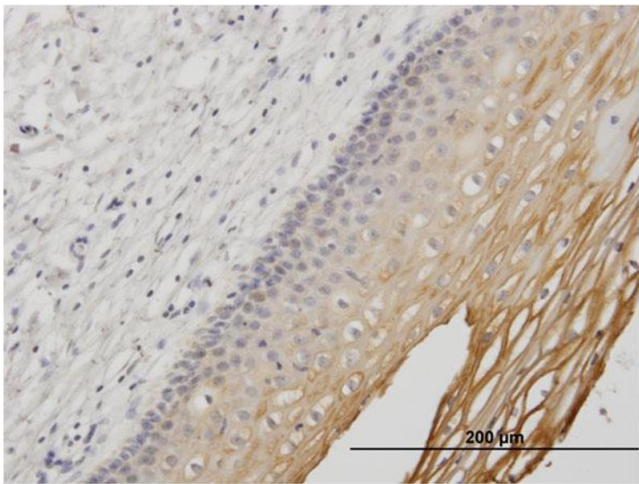
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



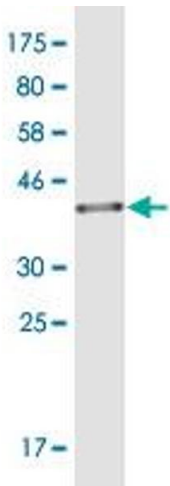
ELISA

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



Immunostaining

Image 2. Immunoperoxidase of monoclonal antibody to MUC1 on formalin-fixed paraffin-embedded human uterine cervix. [antibody concentration 3 ug/ml]



Western Blotting

Image 3. Western Blot detection against Immunogen (37.4 kDa) .