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Datasheet for ABIN1341794 MUC1 (Human) Matched Antibody Pair

2	Images	1	Publication
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Overview

Quantity:	1 set
Target:	MUC1
Reactivity:	Human
Host:	Mouse
Application:	ELISA

Product Details

Purpose:	This antibody pair set comes with matched antibody pair to detect and quantify protein level of human MUC1.
Cross-Reactivity:	Human
Characteristics:	This antibody pair set comes with matched antibody pair to detect and quantify protein level of human MUC1.
Components:	Antibody pair set content: 1. Capture antibody: mouse monoclonal anti-MUC1, IgG2b Kappa (100 μg) 2. Detection antibody: biotinylated mouse monoclonal anti-MUC1, IgG2a Kappa (50 μg) *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

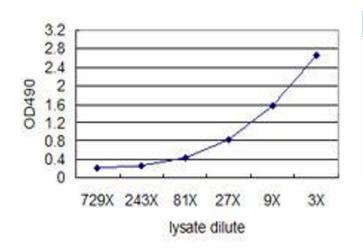
Target Details

Target:	MUC1
Alternative Name:	MUC1 (MUC1 Products)
Sub Type:	Cocktail

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Target Details				
Background:	Full Gene Name: mucin 1, cell surface associated			
	Synonyms: CD227,EMA,H23AG,MAM6,PEM,PEMT,PUM			
Gene ID:	4582			
Application Details				
Application Notes:	Optimal working dilution should be determined by the investigator.			
Restrictions:	For Research Use only			
Handling				
Handling Advice:	Please aliquot to avoid repeated freeze thaw cycle.			
Storage:	-20 °C			
Storage Comment:	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze			
	thaw cycle. Reagents should be returned to -20°C storage immediately after use.			
Publications				
Product cited in:	Chen, Gulzar, St Hill, Walcheck, Brooks: "Increased expression of GCNT1 is associated with			
	altered O-glycosylation of PSA, PAP, and MUC1 in human prostate cancers." in: The Prostate,			
	Vol. 74, Issue 10, pp. 1059-67, (2014) (PubMed).			

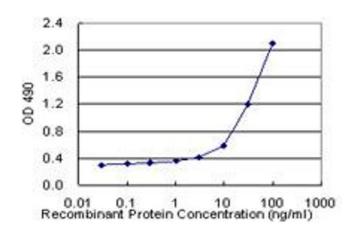




ELISA

Image 1. Standard curve using MUC1 293T overexpression lysate (non-denatured) as an analyte. Sandwich ELISA detection sensitivity ranging from approximately 729x to 3x dilution of the MUC1 293T overexpression lysate (nondenatured).

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ELISA

Image 2. Sandwich ELISA detection sensitivity ranging from

3 ng/mL to 100 ng/mL.

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