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Datasheet for ABIN561879

## anti-MUC7 antibody (AA 36-135)

2 Images

1 Publication

### Overview

Quantity:	50 µg
Target:	MUC7
Binding Specificity:	AA 36-135
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC7 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

### Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MUC7.
Immunogen:	MUC7 (NP_689504, 36 a.a. ~ 135 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	HQSPKSHFEL PHYPGLLAHQ KPFIRKSYKC LHKRCRPKLP PSPNNPPKFP NPHQPPKHPD KNSSVVNPTL VATTQIPSVT FPSASTKITT LPNVTFLPQN
Clone:	7F2
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	MUC7
Alternative Name:	MUC7 ( <a href="#">MUC7 Products</a> )
Background:	Full Gene Name: mucin 7, secreted Synonyms: DKFZp686J03256,FLJ27047,MG2,MGC34772
Gene ID:	4589
NCBI Accession:	<a href="#">NM_152291</a>

## Application Details

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

## Handling

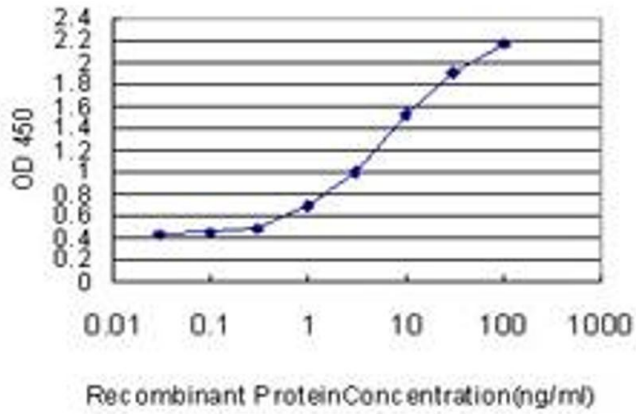
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Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Publications

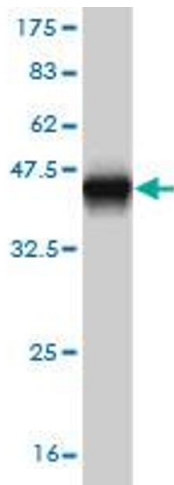
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Product cited in:	Tan, Psaltis, Baker, McGuckin, Rousseau, Wormald: "Aberrant mucin glycoprotein patterns of chronic rhinosinusitis patients with bacterial biofilms." in: <b>American journal of rhinology &amp; allergy</b> , Vol. 24, Issue 5, pp. 319-24, (2011) ( <a href="#">PubMed</a> ).
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### ELISA

**Image 1.** Detection limit for recombinant GST tagged MUC7 is approximately 0.03ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.74 KDa) .