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Datasheet for ABIN561878
anti-MUC5AC antibody (AA 351-450)

2 Images

1 Publication

Overview

Quantity:	100 µg
Target:	MUC5AC
Binding Specificity:	AA 351-450
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC5AC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant MUC5AC.
Immunogen:	MUC5AC (XP_495860, 351 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	NQSTCAVYHR SLIIQQGCS SSEPVRLAYC RGNCGDSSSM YSLEGNTVEH RCQCCQELRT SLRNVTLHCT DGSSRAFSYT EVEECGCMGR RCPAPGDTQH
Clone:	2H7
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	MUC5AC
Alternative Name:	MUC5AC (MUC5AC Products)
Background:	Full Gene Name: mucin 5AC, oligomeric mucus/gel-forming Synonyms: MUC5
Gene ID:	4586
NCBI Accession:	XM_495860

Application Details

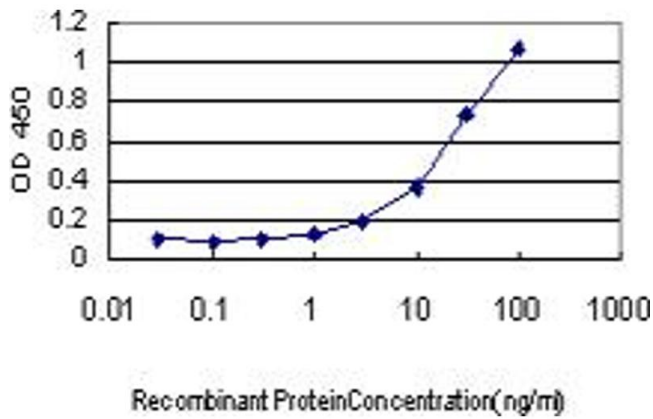
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

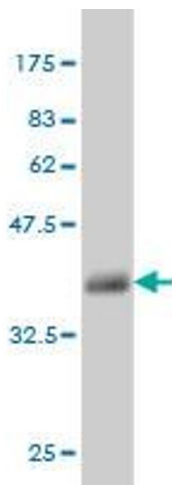
Publications

Product cited in:	Lachowicz-Scroggins, Yuan, Kerr, Dunican, Yu, Carrington, Fahy: "Abnormalities in MUC5AC and MUC5B Protein in Airway Mucus in Asthma." in: American journal of respiratory and critical care medicine , Vol. 194, Issue 10, pp. 1296-1299, (2016) (PubMed).
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ELISA

Image 1. Detection limit for recombinant GST tagged MUC5AC is approximately 3ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.74 kDa) .