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Datasheet for ABIN530183

anti-EPST11 antibody (AA 1-100)

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Overview

Quantity:	50 µg
Target:	EPST11
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This EPST11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant EPST11.
Immunogen:	EPST11 (NP_001002264, 1 a.a. ~ 100 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MNTRNRVVNS GLGASPASRP TRDPQDPSGR QGELSPVEDQ REGLEAAPKG PSRESVVHAG QRRTSAYTLI APNINRRNEI QRIAEQELAN LEKWKEQNRA
Clone:	3G7
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	EPST11
Alternative Name:	EPST11 (EPST11 Products)
Background:	Full Gene Name: epithelial stromal interaction 1 (breast) Synonyms: BRES11,MGC29634
Gene ID:	94240
NCBI Accession:	NM_001002264

Application Details

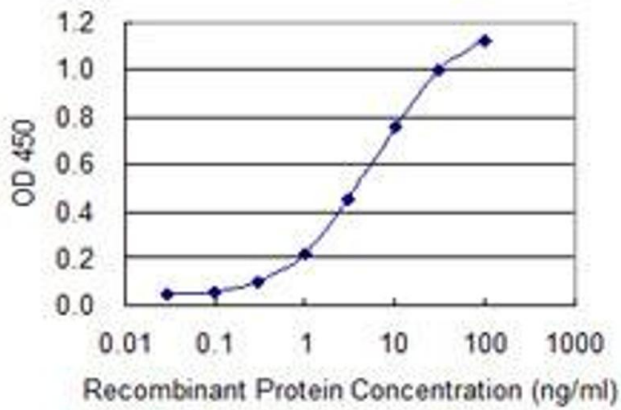
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.

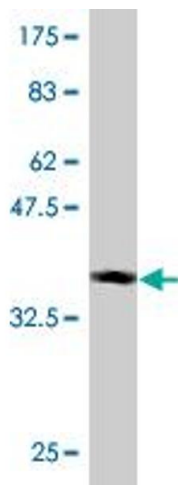
Publications

Product cited in:	<p>Proud, Hudy, Wiehler, Zaheer, Amin, Pelikan, Tacon, Tonsaker, Walker, Kooi, Traves, Leigh: "Cigarette smoke modulates expression of human rhinovirus-induced airway epithelial host defense genes." in: PLoS ONE, Vol. 7, Issue 7, pp. e40762, (2012) (PubMed).</p> <p>de Neergaard, Kim, Villadsen, Fridriksdottir, Rank, Timmermans-Wielenga, Langerød, Børresen-Dale, Petersen, Rønnov-Jessen: "Epithelial-stromal interaction 1 (EPST11) substitutes for peritumoral fibroblasts in the tumor microenvironment." in: The American journal of pathology, Vol. 176, Issue 3, pp. 1229-40, (2010) (PubMed).</p>
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ELISA

Image 1. Detection limit for recombinant GST tagged EPSTI1 is 0.1 ng/ml as a capture antibody.



Western Blotting

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