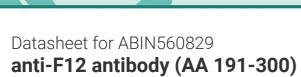
antibodies -online.com









Overview

Quantity:	100 μg
Target:	F12
Binding Specificity:	AA 191-300
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This F12 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant F12.
Immunogen:	F12 (AAH12390, 191 a.a. \sim 300 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	GHQFEGAEEY ASFLQEAQVP FLSLERCSAP DVHGSSILPG MLCAGFLEGG TDACQGDSGG PLVCEDQAAE RRLTLQGIIS WGSGCGDRNK PGVYTDVAYY LAWIREHTVS
Clone:	3A3
Isotype:	lgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	F12
Alternative Name:	F12 (F12 Products)
Background:	Full Gene Name: coagulation factor XII (Hageman factor) Synonyms: HAE3,HAEX,HAF
Gene ID:	2161
Pathways:	Complement System

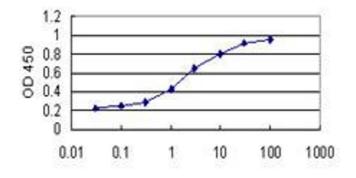
Application Details

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.

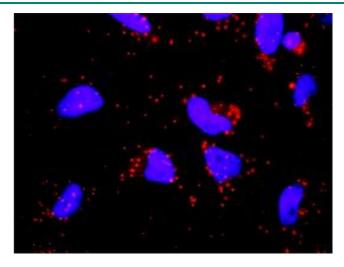
Images



ELISA

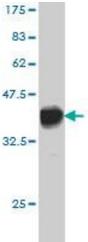
Image 1. Detection limit for recombinant GST tagged F12 is approximately 0.03ng/ml as a capture antibody.

Recombinant ProteinConcentration(ng/ml)



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between GP1BA and F12. HeLa cells were stained with anti-GP1BA rabbit purified polyclonal 1:1200 and anti-F12 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

Image 3. Western Blot detection against Immunogen (37.84 KDa) .