Datasheet for ABIN516114
anti-GNG11 antibody (AA 1-69)

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Overview

Quantity:	100 μg
Target:	GNG11
Binding Specificity:	AA 1-69
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GNG11 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant GNG11.
Immunogen:	GNG11 (NP_004117.1, 1 a.a. ~ 69 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MPALHIEDLP EKEKLKMEVE QLRKEVKLQR QQVSKCSEEI KNYIEERSGE DPLVKGIPED KNPFKEKGS
Clone:	2H5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

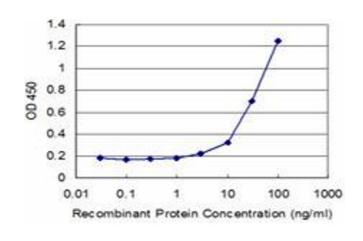|	
Target:	GNG11
Alternative Name:	GNG11 (GNG11 Products)
Background:	Full Gene Name: guanine nucleotide binding protein (G protein), gamma 11 Synonyms: GNGT11
Gene ID:	2791
NCBI Accession:	NM_004126
Pathways:	Myometrial Relaxation and Contraction

Application Details

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

Handling

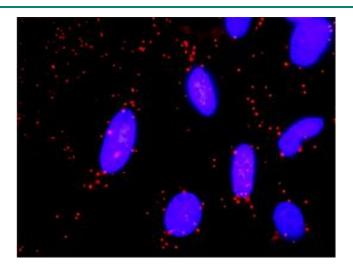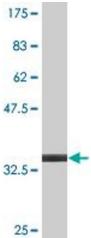|	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

ELISA

Image 1. Detection limit for recombinant GST tagged GNG11 is approximately 3ng/ml as a capture antibody.

Images

Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between SMURF1 and GNG11. HeLa cells were stained with anti-SMURF1 rabbit purified polyclonal 1:1200 and anti-GNG11 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 (33.33 KDa) .