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Datasheet for ABIN562866 anti-SHC1 antibody (AA 171-280)

8 Images



Overview

Quantity:	100 µg
Target:	SHC1
Binding Specificity:	AA 171-280
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SHC1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant SHC1.
Immunogen:	SHC1 (AAH33925, 171 a.a. ~ 280 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	QTPSHLGATL PVGQPVGGDP EVRKQMPPPP PCPGRELFDD PSYVNVQNLD KARQAVGGAG PPNPAINGSA PRDLFDMKPF EDALRVPPPP QSVSMAEQLR GEPWFHGKLS
Clone:	3F4
Isotype:	lgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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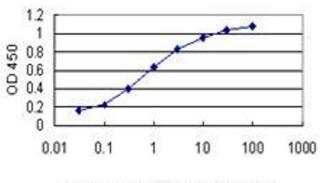
Target Details

Target:	SHC1
Alternative Name:	SHC1 (SHC1 Products)
Background:	Full Gene Name: SHC (Src homology 2 domain containing) transforming protein 1 Synonyms: FLJ26504,SHC,SHCA
Gene ID:	6464
Pathways:	RTK Signaling, TCR Signaling, Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, ER-Nucleus Signaling, Signaling Events mediated by VEGFR1 and VEGFR2

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.

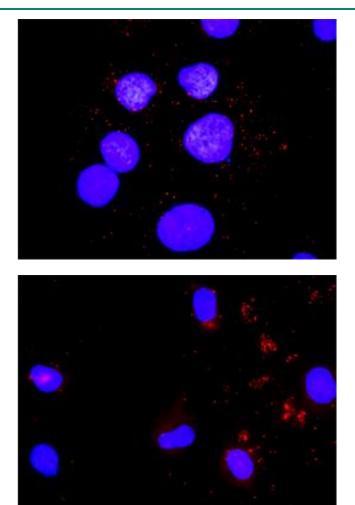
Images



Recombinant ProteinConcentration(ng/ml)

ELISA

Image 1. Detection limit for recombinant GST tagged SHC1 is approximately 0.03ng/ml as a capture antibody.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between PIK3R1 and SHC1. Huh7 cells were stained with anti-PIK3R1 rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Proximity Ligation Assay

Image 3. Proximity Ligation Analysis of protein-protein interactions between STAT5A and SHC1. Mahlavu cells were stained with anti-STAT5A rabbit purified polyclonal 1:1200 and anti-SHC1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Please check the product details page for more images. Overall 8 images are available for ABIN562866.

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