

Datasheet for ABIN597772 **anti-SOS1 antibody**



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Overview

Quantity:	100 µg
Target:	SOS1
Reactivity:	Human, Mouse, Horse, Rabbit, Cow, Monkey, Pig, Bat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOS1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Synthetic peptide corresponding to aaTHPSMHRDGPPLLENAHSS of human SOS1. Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Elephant, Panda, Bovine, Bat, Horse, Rabbit, Pig, Opossum (100%), Dog, Turkey, Chicken (95%), Lizard (89%). Type of Immunogen: Synthetic peptide
Isotype:	IgG1
Specificity:	Recognizes human SOS1. Species cross-reactivity: mouse.
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Elephant, Panda, Bovine, Bat, Horse, Rabbit, Pig, Opossum (100%) Dog, Turkey, Chicken (95%) Lizard (89%).
Purification:	Protein A purified

Target Details

Target:	SOS1
Alternative Name:	SOS1 / HGF (SOS1 Products)
Target Type:	Viral Protein
Background:	Name/Gene ID: SOS1 Synonyms: SOS1, GINGF, NS4, SOS-1, Son of sevenless homolog 1, GF1, GGF1
Gene ID:	6654
UniProt:	Q07889
Pathways:	RTK Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Hepatitis C , Signaling Events mediated by VEGFR1 and VEGFR2 , Signaling of Hepatocyte Growth Factor Receptor , BCR Signaling

Application Details

Application Notes:	Approved: ELISA, IF, WB (1 µg/mL) Usage: Suitable for use in ELISA, Immunofluorescence and Suitable for use in Western blot: 1 µg/mL Detects a band of ~150kD in K562 and RAJI cell lysates under reducing conditions.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	4 °C, -20 °C
Storage Comment:	Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.