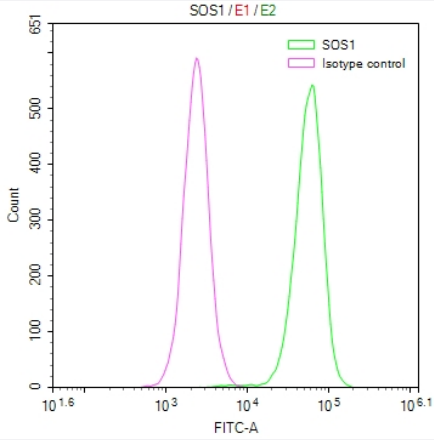
RecomAb™

SOS1 recombinant monoclonal antibody, clone 2B2

Catalog # RAB07704 Size 100 uL

Applications



Flow Cytometry

Overlay Peak curve showing Hela cells stained with SOS1 recombinant monoclonal antibody, clone 2B2 (red line) at 1:50.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SOS1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SOS1.
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Flow Cytometry(1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)

Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

  Overlay Peak curve showing Hela cells stained with SOS1 recombinant monoclonal antibody, clone 2B2 (red line) at 1:50.

Gene Info — SOS1

Entrez GeneID	6654
Protein Accession#	Q07889
Gene Name	SOS1
Gene Alias	GF1, GGF1, GINGF, HGF, NS4
Gene Description	son of sevenless homolog 1 (Drosophila)
Omim ID	135300 182530 610733
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that is a guanine nucleotide exchange factor for RAS proteins, mem brane proteins that bind guanine nucleotides and participate in signal transduction pathways. GT P binding activates and GTP hydrolysis inactivates RAS proteins. The product of this gene may re gulate RAS proteins by facilitating the exchange of GTP for GDP. Mutations in this gene are asso ciated with gingival fibromatosis 1 and Noonan syndrome type 4. [provided by RefSeq
Other Designations	OTTHUMP00000128306|gingival fibromatosis, hereditary, 1|guanine nucleotide exchange factor| son of sevenless homolog 1

Pathway

- Acute myeloid leukemia
- B cell receptor signaling pathway

- Chemokine signaling pathway
- Chronic myeloid leukemia
- Colorectal cancer
- Dorso-ventral axis formation
- Endometrial cancer
- ErbB signaling pathway
- Fc epsilon RI signaling pathway
- Focal adhesion
- Gap junction
- Glioma
- GnRH signaling pathway
- Insulin signaling pathway
- Jak-STAT signaling pathway
- MAPK signaling pathway
- Natural killer cell mediated cytotoxicity
- Neurotrophin signaling pathway
- Non-small cell lung cancer
- Pathways in cancer
- Prostate cancer
- Regulation of actin cytoskeleton
- Renal cell carcinoma
- T cell receptor signaling pathway

Disease

- Abnormalities
- Angina Pectoris

- Articulation Disorders
- Cardiovascular Diseases
- Cognition
- Cognition Disorders
- Coronary Vasospasm
- Craniofacial Abnormalities
- Developmental Disabilities
- Diabetes Mellitus
- Dyslexia
- Ectodermal Dysplasia
- Edema
- Genetic Predisposition to Disease
- Glioma
- Hearing
- Hearing Loss
- Heart Defects
- Language Disorders
- LEOPARD Syndrome
- Leukemia
- Memory
- Motor Skills
- Motor Skills Disorders
- Neuropsychological Tests
- Noonan Syndrome
- Skin Abnormalities

- Syndrome
- Tobacco Use Disorder