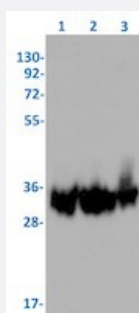


RecomAb™

SPRY4 recombinant monoclonal antibody, clone R01-6K5

Catalog # RAB01897 Size 100 uL

Applications



Western Blot

Western blot analysis of Lane1: MCF-7, Lane2: 3T3 and Lane3: C6 lysates with SPRY4 recombinant monoclonal antibody, clone R01-6K5 (Cat # RAB01897).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SPRY4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SPRY4.
Theoretical MW (kDa)	Calculated MW: 33 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.

Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis of Lane1: MCF-7, Lane2: 3T3 and Lane3: C6 lysates with SPRY4 recombinant monoclonal antibody, clone R01-6K5 (Cat # RAB01897).

- Immunohistochemistry

- Immunofluorescence

- Immunoprecipitation

Gene Info — SPRY4

Entrez GeneID	81848
Protein Accession#	Q9C004
Gene Name	SPRY4
Gene Alias	-
Gene Description	sprouty homolog 4 (Drosophila)
Omim ID	607984
Gene Ontology	Hyperlink
Gene Summary	SPRY4 is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. It is positioned upstream of RAS (see HRAS; MIM 190020) activation and impairs the formation of active GTP-RAS (Leeksa et al., 2002 [PubMed 12027893]).[supplied by OMIM]
Other Designations	sprouty homolog 4

Pathway

- [Jak-STAT signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Neurofibromatosis](#)
- [Neurofibromatosis 1](#)
- [Schizophrenia](#)
- [Syndrome](#)
- [Testicular Neoplasms](#)