

RecomAb™

SPRY4 recombinant monoclonal antibody, clone R06-8V4

Catalog # RAB05255 Size 100 uL

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human Sprouty 4.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human Sprouty 4
Theoretical MW (kDa)	Calculated MW: 33 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow cytometry (1/50-1/100) Immunofluorescence (1/50-1/200) Immunoprecipitation (1/20) Western Blot (1/500-1/1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol and 0.02% Sodium azide)
Storage Instruction	Store at 4°C. For long term storage 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

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry

Gene Info — SPRY4

Entrez GeneID [81848](#)

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 (Leeksma 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](#)