



Human Spred1 blocking peptide (CDBP2802)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

| | |
|----------------------------|---|
| Product Overview | Blocking peptide for anti-Spred1 antibody |
| Antigen Description | The protein encoded by this gene is a member of the Sprouty family of proteins and is phosphorylated by tyrosine kinase in response to several growth factors. The encoded protein can act as a homodimer or as a heterodimer with SPRED2 to regulate activation of the MAP kinase cascade. Defects in this gene are a cause of neurofibromatosis type 1-like syndrome (NFLS). [provided by RefSeq, Jul 2008] |
| Nature | Synthetic |
| Expression System | N/A |
| Species | Human |
| Species Reactivity | Human |
| Conjugate | Unconjugated |
| Applications | BL |
| Procedure | None |
| Format | Liquid |
| Concentration | 200 µg/ml |
| Size | 50 µg |
| Buffer | PBS containing 0.02% sodium azide |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at -20°C, stable for one year. |

ANTIGEN GENE INFORMATION

| | |
|------------------------|--|
| Gene Name | SPRED1 sprouty-related, EVH1 domain containing 1 [Homo sapiens] |
| Official Symbol | Spred1 |
| Synonyms | SPRED1; sprouty-related, EVH1 domain containing 1; sprouty-related, EVH1 domain-containing |

protein 1; FLJ33903; hSpred1; spread-1; suppressor of Ras/MAPK activation; EVH1/Sprouty domain containing protein; NFLS;

| | |
|----------------------------|---|
| Entrez Gene ID | 161742 |
| mRNA Refseq | NM_152594 |
| Protein Refseq | NP_689807 |
| UniProt ID | Q7Z699 |
| Chromosome Location | 15q14 |
| Pathway | Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Signaling events mediated by Stem cell factor receptor (c-Kit), organism-specific biosystem; |
| Function | phosphatase binding; protein binding; stem cell factor receptor binding; |
