# SOSTDC1 Conjugated Antibody

Catalog No: #C29804

Package Size: #C29804-AF350 100ul #C29804-AF405 100ul #C29804-AF488 100ul #C29804-AF555 100ul #C29804-AF594 100ul #C29804-AF647 100ul #C29804-AF680 100ul #C29804-AF750 100ul #C29804-Biotin 100ul

Orders: order@signalwayantibody.com
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## Description

| | |
|---|---|
| Product Name | SOSTDC1 Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Affinity purification |
| Applications | most applications |
| Species Reactivity | Hu,Ms,Rt |
| Immunogen Description | Recombinant fusion protein of human SOSTDC1 (NP_056279.1). |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | SOSTDC1; CDA019; DAND7; ECTODIN; USAG1; sclerostin domain containing 1 |
| Accession No. | Swiss-Prot#:Q6X4U4NCBI Gene ID:25928 |
| Uniprot | Q6X4U4 |
| GeneID | 25928; |
| Excitation Emission | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW | 26kDa |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Background

This gene is a member of the sclerostin family and encodes an N-glycosylated, secreted protein with a C-terminal cystine knot-like domain. This protein functions as a bone morphogenetic protein (BMP) antagonist. Specifically, it directly associates with BMPs, prohibiting them from binding their receptors, thereby regulating BMP signaling during cellular proliferation, differentiation, and programmed cell death.

Note: This product is for in vitro research use only