

## SPR1 Conjugated Antibody

Catalog No: #C33906



Package Size: #C33906-AF350 100ul #C33906-AF405 100ul #C33906-AF488 100ul  
 #C33906-AF555 100ul #C33906-AF594 100ul #C33906-AF647 100ul  
 #C33906-AF680 100ul #C33906-AF750 100ul #C33906-Biotin 100ul

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | SPR1 Conjugated Antibody   |
| Host Species          | Rabbit   |
| Clonality             | Polyclonal   |
| Species Reactivity    | Hu Ms  |
| Specificity           | The antibody detects endogenous levels of total SPR1 protein.  |
| Immunogen Description | Synthesized peptide derived from internal of human SPR1.   |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750   |
| Other Names           | Sphingosylphosphorylcholine receptor;Ovarian cancer G-protein coupled receptor 1;OGR-1;G-protein coupled receptor 68;GPR12A  |
| Accession No.         | Swiss-Prot#:Q15743NCBI Gene ID:8111  |
| Uniprot               | Q15743   |
| GeneID                | 8111;  |
| 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         | 41   |
| 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

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Proton-sensing receptor involved in pH homeostasis. May represents an osteoblastic pH sensor regulating cell-mediated responses to acidosis in bone. Mediates its action by association with G proteins that stimulates inositol phosphate (IP) production or Ca<sup>2+</sup> mobilization. The receptor is almost silent at pH 7.8 but fully activated at pH 6.8. Function also as a metastasis suppressor gene in prostate cancer By similarity.

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Note: This product is for in vitro research use only