

SMOC2 Conjugated Antibody

Catalog No: #C37960



Package Size: #C37960-AF350 100ul #C37960-AF405 100ul #C37960-AF488 100ul
 #C37960-AF555 100ul #C37960-AF594 100ul #C37960-AF647 100ul
 #C37960-AF680 100ul #C37960-AF750 100ul #C37960-Biotin 100ul

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Description

Product Name	SMOC2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total SMOC2 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human SPARC related modular calcium binding 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	DTDP1; SMAP2; MouseT117; MouseTP117; MouseTP140; bA37D8.1; bA270C4A.1; dJ421D16.1
Accession No.	Swiss-Prot#:Q9H3U7NCBI Gene ID:64094NCBI Protein#:NP_000335/Q16637
Uniprot	Q9H3U7
GeneID	64094;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
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 encodes a member of the SPARC family (secreted protein acidic and rich in cysteine/osteonectin/BM-40), which are highly expressed during embryogenesis and wound healing. The gene product is a matricellular protein which promotes matrix assembly and can stimulate endothelial cell proliferation and migration, as well as angiogenic activity. Associated with pulmonary function, this secretory gene product contains a Kazal domain, two thymoglobulin type-1 domains, and two EF-hand calcium-binding domains.

Note: This product is for in vitro research use only