



Mouse anti-Human SMOC2 monoclonal antibody, clone 778824 (CABT-B9548)

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

PRODUCT INFORMATION

Immunogen	Mouse myeloma cell line NS0-derived recombinant human SMOC-2 Gln22-Gly446
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human
Clone	778824
Purification	Protein A/G
Conjugate	Unconjugated
Applications	IHC-P
Format	Lyophilized
Concentration	0.2 mg/ml
Size	100 µg
Buffer	PBS with 5% trehalose
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction

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 thymoglobin type-1 domains, and two EF-hand calcium-binding domains. The encoded protein may serve as a target for controlling angiogenesis in tumor growth and myocardial ischemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]

Keywords

SMOC2; SPARC related modular calcium binding 2; DTDP1; SMAP2; MST117; MSTP117; MSTP140; bA37D8.1; bA270C4A.1; dJ421D16.1; SPARC-related modular calcium-binding protein 2; SMAP-2; SMOC-2; smooth muscle associated protein 2; smooth muscle-associated protein 2; secreted modular calcium-binding protein 2; thyroglobulin type-1 repeat containing protein;

GENE INFORMATION

Entrez Gene ID

[64094](#)

UniProt ID

[Q9H3U2](#)