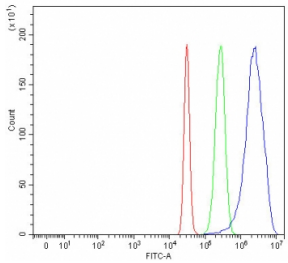
SMOC1 Antibody / SPARC-related modular calcium-binding protein 1 (RQ7778)

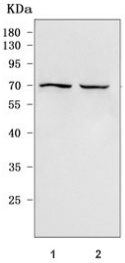
Catalog No.	Formulation	Size
RQ7778	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q9H4F8
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This SMOC1 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with SMOC1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= SMOC1 antibody.



Western blot testing of human 1) 293T and 2) HeLa cell lysate with SMOC1 antibody. Predicted molecular weight ~48 kDa but may be observed at higher molecular weights due to glycosylation.

Description

This gene encodes a multi-domain secreted protein that may have a critical role in ocular and limb development. Mutations in this gene are associated with microphthalmia and limb anomalies. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

Application Notes

Optimal dilution of the SMOC1 antibody should be determined by the researcher.

Immunogen

E. coli-derived recombinant human protein (amino acids H27-V434) was used as the immunogen for the SMOC1 antibody.

Storage

After reconstitution, the SMOC1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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