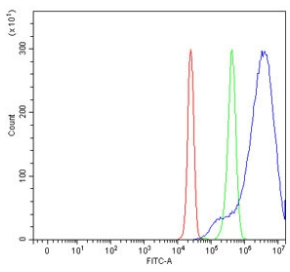
MIPOL1 Antibody / Mirror Image Polydactyly 1 (RQ7187)

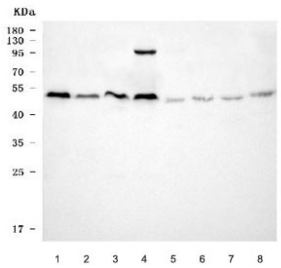
Catalog No.	Formulation	Size
RQ7187	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
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	Q8TD10
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This MIPOL1 antibody is available for research use only.



Flow cytometry testing of human HepG2 cells with MIPOL1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= MIPOL1 antibody.



Western blot testing of 1) human 293T, 2) human A431, 3) human HepG2, 4) human PC-3, 5) rat liver, 6) rat heart, 7) mouse liver and 8) mouse heart tissue lysate with MIPOL1 antibody. Predicted molecular weight ~52 kDa (isoform 1).

Description

MIPOL1 (Mirror Image Polydactyly 1), also known as CCDC193 (Coiled-coil domain containing 193), is a protein that in humans is encoded by the MIPOL1 gene. This gene encodes a coiled-coil domain-containing protein. The encoded protein may function as a tumor suppressor. A translocation that results in truncation of the protein encoded by this locus has been associated with mirror-image polydactyly, also known as Laurin-Sandrow Syndrome. Alternatively spliced transcript variants have been described.

Application Notes

Optimal dilution of the MIPOL1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids N63-A399) was used as the immunogen for the MIPOL1 antibody.

Storage

After reconstitution, the MIPOL1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.