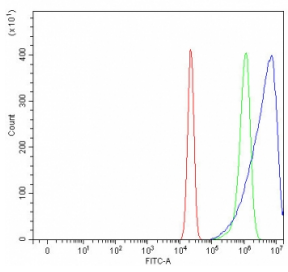
Osteomodulin Antibody / OMD (RQ8064)

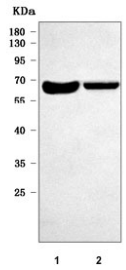
Catalog No.	Formulation	Size
RQ8064	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
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	Q99983
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This Osteomodulin antibody is available for research use only.



Flow cytometry testing of fixed and permeabilized human U-2 OS cells with Osteomodulin antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Osteomodulin antibody.



Western blot testing of mouse 1) heart and 2) bone marrow lysate with Osteomodulin antibody. Predicted molecular weight ~49 kDa but may be observed at higher molecular weights due to lyophilization.

Description

Osteomodulin (also called osteoadherin or osteoadherin proteoglycan) is a protein that in humans is encoded by the OMD gene. Predicted to be involved in cell adhesion and regulation of bone mineralization. Located in extracellular exosome.

Application Notes

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

Immunogen

E. coli-derived recombinant human protein (amino acids D37-E344) was used as the immunogen for the Osteomodulin antibody.

Storage

After reconstitution, the Osteomodulin 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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