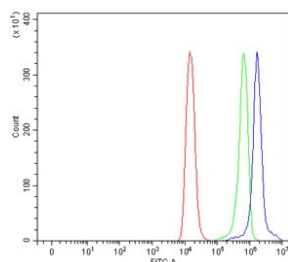


Tetherin Antibody / BST2 (RQ7154)

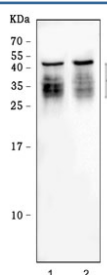
Catalog No.	Formulation	Size
RQ7154	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q10589
Applications	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Tetherin antibody is available for research use only.



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



Western blot testing of human 1) HeLa and 2) HepG2 cell lysate with Tetherin antibody. Expected molecular weight: 20-40 kDa depending on glycosylation level.

Description

Tetherin, also known as bone marrow stromal antigen 2, is a lipid raft associated protein that in humans is encoded by the BST2 gene. Bone marrow stromal cells are involved in the growth and development of B-cells. The specific function of the protein encoded by the bone marrow stromal cell antigen 2 is undetermined; however, this protein may play a role in pre-B-cell growth and in rheumatoid arthritis.

Application Notes

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

Immunogen

Recombinant human protein (amino acids N49-S161) was used as the immunogen for the Tetherin antibody.

Storage

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