ARG65181
anti-CD317 / Tetherin antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Goat Polyclonal antibody recognizes CD317 / Tetherin
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	CD317 / Tetherin
Species	Human
Immunogen	C-ELTEAQKGFQD
Conjugation	Un-conjugated
Alternate Names	HM1.24 antigen; TETHERIN; CD antigen CD317; Tetherin; BST-2; CD317; Bone marrow stromal antigen 2

Application Instructions

Application table

Application	Dilution
WB	1 - 3 µg/ml

Application Note

WB: Recommend incubate at RT for 1h.
* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

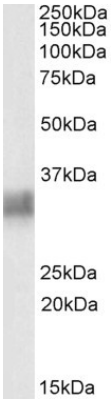
Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 684 Human Swiss-port # Q10589 Human
Background	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. [provided by RefSeq, Jul 2008]
Research Area	Cell Biology and Cellular Response antibody; Controls and Markers antibody; Developmental Biology antibody; Gene Regulation antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	20 kDa
PTM	Monoubiquitinated by KSHV E3 ubiquitin-protein ligase K5, leading to its targeting to late endosomes and degradation. The GPI anchor is essential for its antiviral activity.

Images



ARG65181 anti-CD317 / Tetherin antibody WB image

Western blot: Human Spleen lysate (35 µg protein in RIPA buffer) stained with ARG65181 anti-CD317 / Tetherin antibody at 0.3 µg/ml dilution.