Mouse BST2 Monoclonal Antibody | anti-BST2 antibody

BST2 (Bone Marrow Stromal Cell antigen 2, CD317) (PE)

CATALOG #	HOST	APPLICATIONS
AAA26669	**Mouse**	**Immunofluorescence, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

BST2; Monoclonal Antibody; BST2 (Bone Marrow Stromal Cell antigen 2; CD317) (PE); Bone Marrow Stromal Cell antigen 2; CD317; anti-BST2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2000000
Specificity	Recognizes BST2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Applicable Applications for anti-BST2 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	BST2 (AAH33873.1, 1aa-180aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Conjugate	PE
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: PE conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES

WB (Western Blot)
BST2 monoclonal antibody (M15), clone 2E6. Western Blot analysis of BST2 expression in human placenta.

WB (Western Blot)
BST2 monoclonal antibody (M15), clone 2E6. Western Blot analysis of BST2 expression in HeLa.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to BST2 on HeLa cell. [antibody concentration 10 ug/ml]

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to BST2 on HeLa cell. [antibody concentration 10 ug/ml]

IP (Immunoprecipitation)
Immunoprecipitation of BST2 transfected lysate using anti-BST2 monoclonal antibody and Protein A Magnetic Bead (U0007), and immunoblotted with BST2 MaxPab rabbit polyclonal antibody.

Application Data
Detection limit for recombinant GST tagged BST2 is 0.1 ng/ml as a capture antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-BST2 antibody	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]
Product Categories/Family for anti-BST2 antibody	Antibodies; Transcription Factors
References	1. Purification of eukaryotic tetherin/Vpu proteins and detection of their interaction by ELISA. Lv M, Zhu Y, Wang J, Zhang H, Wang X, Zuo T, Liu D, Zhang J, Wu J, Kong W, Yu XProtein Expr Purif. 2013 Aug 3. pii: S1046-5928(13)00141-1. doi: 10.1016/j.pep.2013.07.015. 2. Polarity Changes in the Transmembrane Domain Core of HIV-1 Vpu Inhibits Its Anti-Tetherin Activity. Lv M, Wang J, Wang X, Zuo T, Zhu Y, Kong W, Yu X.PLoS One. 2011;6(6):e20890. Epub 2011 Jun 2.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21707504
NCBI GeneID	684
Molecular Weight	18,394 Da
NCBI Official Full Name	Homo sapiens bone marrow stromal cell antigen 2, mRNA
NCBI Official Synonym Full Names	bone marrow stromal cell antigen 2
NCBI Official Symbol	BST2
NCBI Official Synonym Symbols	CD317; TETHERIN
NCBI Protein Information	bone marrow stromal antigen 2; BST-2; HM1.24 antigen; NPC-A-7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/bst2-antibody-clone-2000000-immunofluorescence-immunoprecipitation-western-blot-elisa/26669