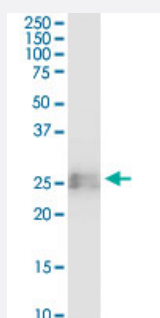


BST2 monoclonal antibody (M15), clone 2E6

Catalog # H00000684-M15

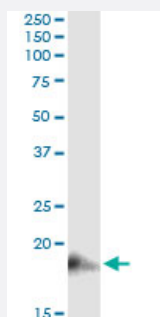
Size 100 ug

Applications



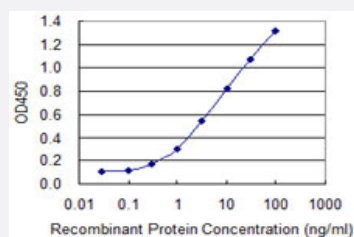
Western Blot (Tissue lysate)

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



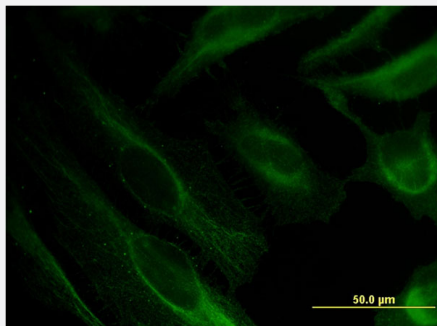
Immunoprecipitation

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



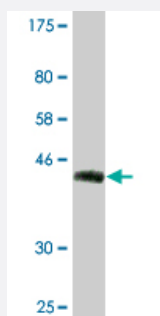
Sandwich ELISA (Recombinant protein)

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



Immunofluorescence

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



Western Blot detection against Immunogen (45.54 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant BST2.
Immunogen	BST2 (AAH33873.1, 1 a.a. ~ 180 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MASTSYDYCRVPMEDGDKRCKLLLGIGLVLLIMLVPLIIFTIKANSEACRDGLRAVMECRNVTHLL QQELTEAQKGFQDVEAQAATCNHTVMALMASLDAEKAQGQKKVEELEGEITTLNHLQDASAEV ERLRRENQVLSVRIADKKYYPSSQDSSSAAAPQLLMVLLGLSALLQ
Host	Mouse
Reactivity	Human
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (45.54 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

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

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

[Protocol Download](#)

- ELISA

- Immunofluorescence

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

Gene Info — BST2

Entrez GeneID [684](#)

GeneBank Accession# [BC033873](#)

Protein Accession# [AAH33873.1](#)

Gene Name BST2

Gene Alias CD317

Gene Description bone marrow stromal cell antigen 2

Omim ID [600534](#)

Gene Ontology [Hyperlink](#)

Gene Summary

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]

Other Designations

tetherin

Publication Reference

- [Epitope Tags beside the N-Terminal Cytoplasmic Tail of Human BST-2 Alter Its Intracellular Trafficking and HIV-1 Restriction.](#)

Lv M, Wang J, Zhang J, Zhang B, Wang X, Zhu Y, Zuo T, Liu D, Li X, Wu J, Zhang H, Yu B, Wu H, Zhao X, Kong W, Yu X.
PLoS One 2014 Oct; 9(10):e111422.

Application: Flow Cyt, IF, WB-Tr, Human, Monkey, 293T, COS-7 cells

- [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 X.
Protein Expression and Purification 2013 Oct; 91(2):112.

Application: Det Ab, ELISA, WB, Recombinant protein

- [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 Jun; 6(6):e20890.

Application: Flow Cyt, Human, HeLa cells

Disease

- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)