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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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BST2 purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00000684-B02P

規格 : [50 ug]

[List All](#)

Specification

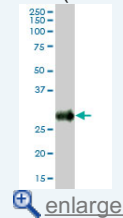
Product Description:	Mouse polyclonal antibody raised against a full-length human BST2 protein.
Immunogen:	BST2 (NP_004326.1, 1 a.a. ~ 180 a.a) full-length human protein.
Sequence:	MASTSYDYCRVPMEDGDKRCKLLLGIGILVLLIIVLGVPLIIFTIKANSEACR DGLRAVMECRNVTHLLQQELTEAQKGFQDVEAQAATCNHTVMALMASL DAEKAQGQKKVEELEGEITTLNHLKQDASAEVERLRRENQVLSVRIADKK YYPSSQDSSSAAAPQLLIVLLGLSALLQ
Host:	Mouse
Reactivity:	Human
Quality Control Testing:	Antibody reactive against mammalian transfected lysate.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download

Publication Reference

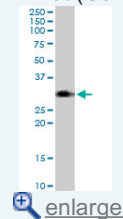
- [Lack of adaptation to human tetherin in HIV-1 Group O and P.](#)
Yang SJ, Lopez LA, Exline CM, Haworth KG, Cannon PM. *Retrovirology*. 2011 Sep 28;8:78.
- [Tethered virions are intermediates in the assembly and release of HIV-1 particles.](#)
Karetnikov A, Suomalainen M. *Virology*. 2010 Nov 25;407(2):289-95. Epub 2010 Sep 20.
- [Tetherin Restricts Productive HIV-1 Cell-to-Cell Transmission.](#)
Casartelli N, Sourisseau M, Feldmann J, Guivel-Benhassine F, Mallet A, Marcelin AG, Guatelli J, Schwartz O. *PLoS Pathog*. 2010 Jun 17;6(6):e1000955.
- [HIV-1 Vpu and HIV-2 Env counteract BST-2/tetherin by sequestration in a perinuclear compartment.](#)
Hauser H, Lopez LA, Yang SJ, Oldenburg JE, Exline CM, Guatelli JC, Cannon PM. *Retrovirology*. 2010 Jun 7;7:51.
- [Ebola glycoprotein counteracts BST-2/tetherin restriction in a sequence independent manner that does not require tetherin surface removal.](#)
Lopez LA, Yang SJ, Hauser H, Exline CM, Haworth KG, Oldenburg J, Cannon PM. *J Virol*. 2010 May 5. [Epub ahead of print]
- [Simian immunodeficiency virus envelope glycoprotein counteracts tetherin/BST-2/CD317 by intracellular sequestration.](#)
Gupta RK, Mlcochova P, Pelchen-Matthews A, Petit SJ, Mattiuzzo G, Pillay D, Takeuchi Y, Marsh M, Towers GJ. *Proc Natl Acad Sci U S A*. 2009 Oct 28. [Epub ahead of print]
- [HIV-1 Accessory Protein Vpu Internalizes Cell-surface BST-2/Tetherin through Transmembrane Interactions Leading to Lysosomes.](#)

Application Image

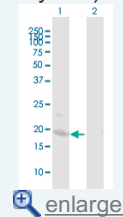
Western Blot (Tissue lysate)



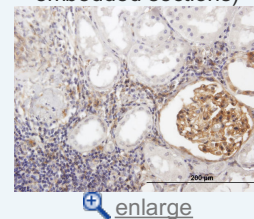
Western Blot (Cell lysate)



Western Blot (Transfected lysate)



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

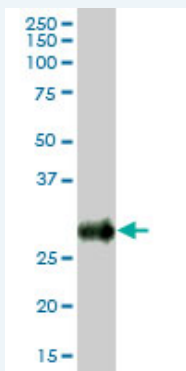


Immunofluorescence



Applications

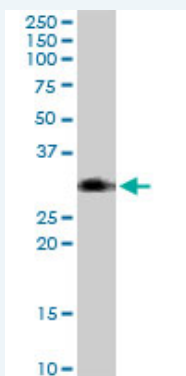
Western Blot (Tissue lysate)



BST2 MaxPab polyclonal antibody. Western Blot analysis of BST2 expression in human spleen.

 [Protocol Download](#)

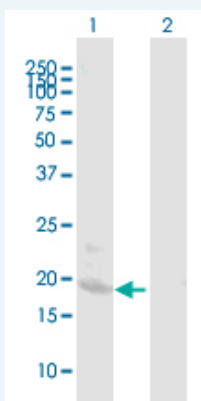
Western Blot (Cell lysate)



BST2 MaxPab polyclonal antibody. Western Blot analysis of BST2 expression in Jurkat.

 [Protocol Download](#)


Western Blot (Transfected lysate)



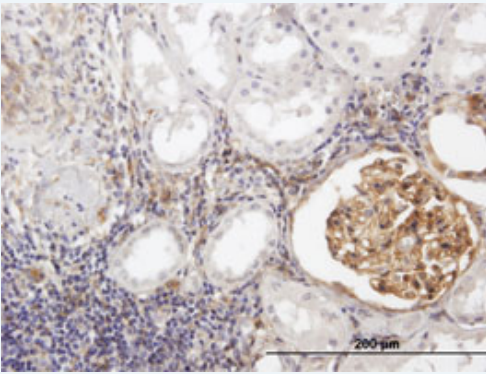
Western Blot analysis of BST2 expression in transfected 293T cell line ([H00000684-T02](#)) by BST2 MaxPab polyclonal antibody.

Lane 1: BST2 transfected lysate (19.8 kDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

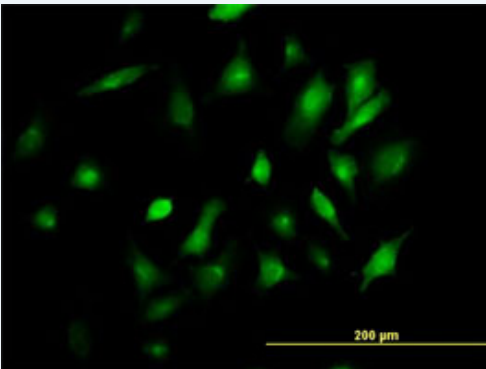


[enlarge this image](#)

Immunoperoxidase of purified MaxPab antibody to BST2 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]

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Immunofluorescence



[enlarge this image](#)

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

[Protocol Download](#)

Gene Information

Entrez GeneID: [684](#)

GeneBank Accession#: [NM_004335](#)

Protein Accession#: [NP_004326.1](#)

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

Related Disease

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