

Product Datasheet

BST2 Antibody (3H4) H00000684-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00000684-M02

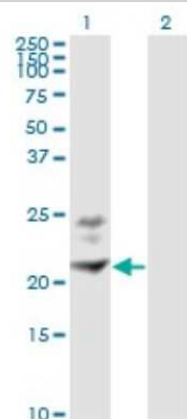
BST2 Antibody (3H4)

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3H4
Preservative	No Preservative
Isotype	IgG2a Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	684
Gene Symbol	BST2
Species	Human
Specificity/Sensitivity	BST2 - bone marrow stromal cell antigen 2 (3H4)
Immunogen	BST2 (AAH33873, 40 a.a. ~ 180 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. PLIIFTIKANSEACRDGLRAVMECRNVTHLLQQELTEAQKGFQDVEAQAATCNH TVMALMASLDAEKAQGQKKVVELEGEITTLNHLKLDASAEVERLRRENQVLSV RIADKKYYPSSQDSSSAAAPQLLIVLLGLSALLQ
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry, ELISA
Application Notes	Antibody reactivity against Recombinant Protein with GST tag on ELISA and WB. GST tag alone is used as a negative control. FACS usage reported in scientific literature (PMID: 24465210).

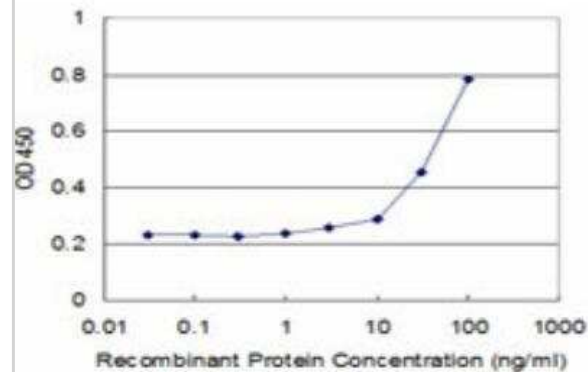


Images

Western Blot: BST2 Antibody (3H4) [H00000684-M02] - Analysis of BST2 expression in transfected 293T cell line by BST2 monoclonal antibody (M02), clone 3H4. Lane 1: BST2 transfected lysate(19.8 KDa). Lane 2: Non-transfected lysate.



ELISA: BST2 Antibody (3H4) [H00000684-M02] - Detection limit for recombinant GST tagged BST2 is approximately 3ng/ml as a capture antibody.



Publications

Bruce EA, Abbink TE, Wise HM et al. Release of filamentous and spherical influenza A virus is not restricted by tetherin. *J Gen Virol.* 2012-05-01 [PMID: 22258861]

Pickering S, Hue S, Kim EY et al. Preservation of tetherin and CD4 counter-activities in circulating Vpu alleles despite extensive sequence variation within HIV-1 infected individuals. *PLoS Pathog.* 2014-01-27 [PMID: 24465210] (FLOW, Human)



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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