

Anti-BST1 Reference Antibody (Berlin-Chemie patent anti-BST1)

Catalog # APR11449

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q10588
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-EM
Calculated MW	35724

Additional Information

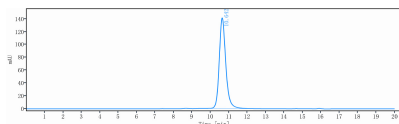
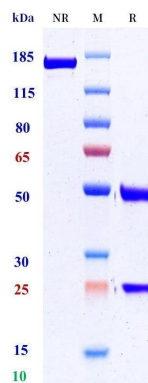
Target/Specificity	BST1
Expression system	CHO

Protein Information

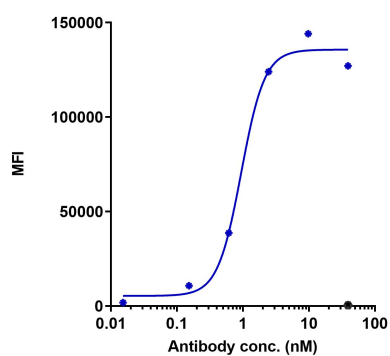
Name	BST1
Function	Catalyzes both the synthesis of cyclic ADP-beta-D-ribose (cADPR) from NAD(+), and its hydrolysis to ADP-D-ribose (ADPR) (PubMed: 7805847). Cyclic ADPR is known to serve as an endogenous second messenger that elicits calcium release from intracellular stores, and thus regulates the mobilization of intracellular calcium (Probable). May be involved in pre-B-cell growth (Probable).
Cellular Location	Cell membrane; Lipid-anchor, GPI-anchor
Tissue Location	Expressed in various tissues including placenta, lung, liver and kidney.

Images

Anti-BST1 Reference Antibody (Berlin-Chemie patent anti-BST1) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-BST1 Reference Antibody (Berlin-Chemie patent anti-BST1) is 98.72%, determined by SEC-HPLC.



PLVX-puro-BST1-FL cell line were stained with Berlin-Chemie patent anti-BST1 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.941 nM.

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