

Certificate of Analysis

Anti-BST2 (146-159)

Product Name	Anti-BST2 (146-159) antibody produced in rabbit, IgG fraction of antiserum
Product Number	B2563
Lot Number	109K2717
Storage Temp.	Store at -20°C
Gene Description	Bone marrow stromal antigen 2 precursor Synonyms: CD317
Gene ID	684
Immunogen	Synthetic peptide corresponding to amino acids (146-159) of human BST2 (NM_004335)
Species reactivity	Human (not yet tested in other species)
Western Blotting (WB)	Antibody dilution: >1:500 Observed MW: ~25 kDa Predicted MW: 19770 Da Tested on: lysate of HEK-293T cells expressing recombinant BST2 protein (western blot image on web) Additional bands inhibited by the peptide at: ~18-20 kDa
Inhibition	Detection of the BST2 band by immunoblotting is specifically inhibited with the immunizing peptide.
Appearance	Clear, colorless solution in 0.01M phosphate buffered saline, pH 7.2, containing 15 mM sodium azide.
Concentration	10.0 mg/ml by E(280)
Handling	For continuous use, store at 2–8 °C for up to one month. For extended storage, freeze in working aliquots. Repeated freezing and thawing is not recommended. Storage in "frost-free" freezers is also not recommended. If slight turbidity occurs upon prolonged storage, clarify the solution by centrifugation before use. Working dilutions should be discarded if not used within 12 hours.
Notes	In order to obtain the best results using various techniques and preparations, we recommend determining the optimal working dilutions by titration.
Country of Animal source	USA
Country of Manuf.	Israel
Additional Info. on web	http://www.sigmaaldrich.com/catalog/search/ProductDetail/SIGMA/B2563

QC Release Date: Oct 2009



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