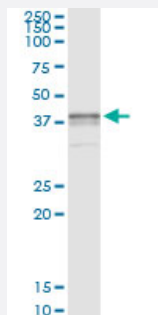


BST1 monoclonal antibody (M08), clone 4C2

Catalog # H00000683-M08

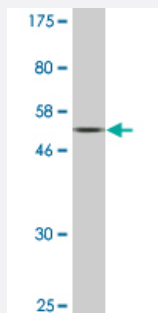
Size 100 ug

Applications



Immunoprecipitation

Immunoprecipitation of BST1 transfected lysate using anti-BST1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BST1 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (60.39 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant BST1.

Immunogen

BST1 (AAH12095.1, 1 a.a. ~ 318 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MAAQGCAASRLQLQLQLQLQLQLQLQLQLQLAAGGARARWRGEGTSAHLRDLFLGRCAEYRALLSPEQRNK
NCTAIWEAFKVALDKDPCSVLPDYDLFINLSRHSIPRDKSLFWENSHLLVNSFADNTRRFMPLS
DVLYGRVADFLSWCRQKNDGLDYQSCPTSEDCENNPVDSFWKRASIYQSKDSSGVIVHMLNG
SEPTGAYPIKGFFADYEIPNLQKEKITRIEMVMHEIGGNVESCGEKSMKVLKRLKDMGFQYSCI
NDYRPVKLLQCVDHSTHPDCALKSAAAATQRKAPSLYTEQRAGLIPLFLVLASRTQL

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (74); Rat (73)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.39 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 (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of BST1 transfected lysate using anti-BST1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with BST1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — BST1

Entrez GeneID	683
GeneBank Accession#	BC012095
Protein Accession#	AAH12095.1
Gene Name	BST1
Gene Alias	CD157
Gene Description	bone marrow stromal cell antigen 1
Omim ID	600387
Gene Ontology	Hyperlink

Gene Summary

Bone marrow stromal cell antigen-1 is a stromal cell line-derived glycosylphosphatidylinositol-anchored molecule that facilitates pre-B-cell growth. The deduced amino acid sequence exhibits 33 % similarity with CD38. BST1 expression is enhanced in bone marrow stromal cell lines derived from patients with rheumatoid arthritis. The polyclonal B-cell abnormalities in rheumatoid arthritis may be, at least in part, attributed to BST1 overexpression in the stromal cell population. [provided by RefSeq]

Other Designations

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Pathway

- [Calcium signaling pathway](#)
- [Metabolic pathways](#)
- [Nicotinate and nicotinamide metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Parkinson Disease](#)