

Anti-beta-Galactosidase (E. coli) Purified lacZ Monoclonal Antibody

Catalog Number: M33937

About lacZ

CD165 is a poorly characterized transmembrane protein highly expressed on platelets and many leukemic T cell lines. At lower level it is expressed on a proportion of circulating T cells and monocytes, on thymic epithelium, fibroblasts, epidermal keratinocytes, pancreatic islet cells, and some neurons. It might have a role in adhesion between thymocytes and thymic epithelial cells and it can be used as a marker for tumor progression.

Overview

Product Name	Anti-beta-Galactosidase (E. coli) Purified lacZ Monoclonal Antibody
Reactive Species	All species, E. coli
Description	Boster Bio Anti-beta-Galactosidase (E. coli) Purified lacZ Monoclonal Antibody (Catalog# M33937). Tested in WB, ICC application(s). This antibody reacts with E. coli, All species.
Application	ICC, WB
Clonality	Monoclonal BG-02
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage Instructions	Store at 2-8°C. Do not freeze.
Host	Mouse
Uniprot ID	P00722

Technical Details

Immunogen	beta-Galactosidase purified from E. coli. The antibody BG-02 recognizes a non-catalytic centre epitope of beta-galactosidase from E. coli.
Predicted Reactive Species	Primate
Cross Reactivity	Cross-reactivity with LARGE2 was not determined.
Isotype	Mouse IgG1
Form	Liquid
Concentration	1 mg/ml
Purification	Purified by protein-A affinity chromatography.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the

optimal dilution ratio for your samples.
Some PubMed article(s) citing the expression level of this target are as follows:
Boster Bio's internal QC testing used:
Immunohistochemistry (frozen sections): Application note: acetone fixation.
Flow cytometry: 1-4 µg/ml

Anti-beta-Galactosidase (E. coli) Purified lacZ Monoclonal Antibody (M33937) Images

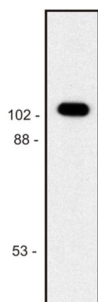


Figure 1. Western blotting validation for Anti-beta-Galactosidase (E. coli) Purified lacZ Monoclonal Antibody M33937

Western blotting analysis of purified E. coli beta-galactosidase sample; reduced sample

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