Anti-Human CD38 (HB7)



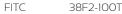












100 test



1. PRODUCT DESCRIPTION

- Clone: HB7;
- Isotype: IgGl, k;
- Tested application: flow cytometry;
- Immunogen: The anti-CD38 monoclonal antibody derives from BJAB human B cell line;
- Species reactivity: Human:
- Storage instruction: store in the dark at 2-8 °C;
- Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₂);
- Recommended usage: Immunostep's CD38, clone HB7, is a monoclonal antibody intended for the identification and enumeration of plasma cells using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using I test for I0⁶ cells;
- Presentation: liquid;
- Source: Supernatant proceeding from an in vitro cell culture of a cell hybridoma;
- Purification: Affinity chromatography;
- Other names: T10, ADPribosyl cyclase, and cyclic ADP ribose hydrolase 1;
- Gene ID: 952;
- Molecular weight: 45 kDa.

2. ANTIGEN DETAILS

Large description: The HB7 monoclonal antibody reacts with the human CD38 molecule, a type II transmembrane protein. Expression of CD38 is bimodal during B cell development, modulating from high in immature cells to low in intermediate ones and back to high on mature B cells. Additionally CD38 is found in a variety of tissues and other hematopoietic cell.

The CD38 antigen acts as a bifunctional ectoenzyme that catalyzes both the synthesis and the hydrolysis of a Ca++ mobilizing agent, cyclic ADP-ribose. This intracellular calcium plays an important role in cell signaling pathways. [1-4]

3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

4. ADDITIONAL INFORMATION

For research use only. Not for diagnostic use.

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Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

Please, refer to www.immunostep.com technical support for more information.

REFERENCES

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6. EXPLANATION OF SYMBOLS

	Fluorochrome
REF	Product reference
\sum	Content for <n> analysis</n>
₽	Regulatory Status
RUO	Research Use Only
	Manufacturer

MANUFACTURED BY:

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