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Anti- Human β -2 Microglobulin (GRHI)

Fluorochrome	Reference	Size
PerCP	BETA2PP-100T	100 test

PRODUCT DESCRIPTION

Clone: GRHI

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti- β -2 microglobulin monoclonal antibody derives from human beta2-microglobulin.

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 (NaN₃).

Recommended usage: Immunostep's β -2 microglobulin, clone GRHI, is a monoclonal antibody intended for the identification and enumeration of B2M protein, a component of the class I major histocompatibility complex (MHC) involved in the presentation of peptide antigens to the immune system using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using $\leq 1 \mu\text{g}/10^5$ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: This antibody reacts with the beta2-microglobulin (B2M) associated with cell-surface MHC Class I molecules and other membrane antigens as well as with soluble B2-microglobulin.

In the immunoprecipitation test the GRHI two bands were precipitated on SDS-PAGE analysis of 43 kDa and 12 kDa corresponding to the heavy chain of the HLA-A, B and C antigens encoded by a gene on chromosome 6, and the beta 2-microglobulin which is a non-glycosylated protein noncovalently bound to the heavy chain that is encoded by a gene on chromosome 15 (Entrez Gene (human): 15q21-q22.2)⁽¹⁻⁶⁾

Other Names: β 2M, β 2-M, beta2-microglobulin

Gene ID: 567

Molecular weight: 12-14 kDa

Please, refer to <http://immunostep.com/content/31-support> for technical information.

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.

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