

## anti-human CD38 PE-conjugated

PE -conjugated monoclonal antibody HIT2 to human CD38

Cat-No: **21330384**

500 µl

**Clone:** HIT2

**Specificity:**

Clone HIT2 was submitted to CD38 in the Third International Workshop on Human Leukocyte Differentiation Antigen. The monoclonal antibody is directed against the CD38 antigen (T10, gp45), which is strongly expressed on plasma cells. The CD38-antigen is also expressed on activated T-cells, terminally differentiated B-cells, early B-cells, monocytes, multiple myelomas, most cases of ALL (both T and B lineage), and some AML. The CD38-antigen is a single-chain Type II transmembrane protein.

**Isotype subclass:** Mouse IgG1

**Form:**

The antibody was purified from ascites using column chromatography (ion exchange chromatography). Conjugated with R-phycoerythrin (PE). Molecular F/P ratio between 1.0 - 2.0.

**Physical state:** Liquid

**Buffer/Additives/Preservative:** PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

**Storage conditions:**

Store at 4 °C. Avoid prolonged exposure to light. The reagent is stable until the expiry date stated on the vial label.

**Application:**

Identification of plasma cells. Immunotyping of leukaemias and lymphomas. Methods: Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

**Warning:**

Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

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