

Monoclonal Anti-human CD38

Product reference: DDX0161

Description

CD38 is a type II transmembrane protein that functions as a signalling molecule and mediates the adhesion between lymphocytes and endothelial cells. In the hematopoietic system, CD38 is mostly highly expressed on plasma cells all pre-B lymphocytes and thymocytes. The antigen is expressed during the early stages of T- and B-lymphocytes differentiation and on most of CD34⁺ cells. CD38 is a counter-receptor of CD31. Clone HB7 (HB7, THB-7) comes from ATCC.

(Tedder TF et al, 1984 ; *Tissue Antigens* ; 24(3):140-149)

Clone: HB7 (ATCC number HB-136TM)
Species: mouse
Specificity: human CD38
Immunogen: BJAB human B cell line
Species cross-reactivity: nd
Isotype: IgG1
Purification: QMA Hyper D ion exchange chromatography
Formulation/size: **Purified:** 100 µg in 200µl / 50 µg in 100 µl Tris-NaCl pH 8
Coupled: 100 µg in 200 µl / 50 µg in 100 µl PBS 50% glycerol (on request)

Available format:

Reference		Format	Application tested
50µg	100µg		
DDX0161P-50	DDX0161P-100	purified	Flow cytometry

Usage recommendation: *This monoclonal antibody may be used between 1-10 µg/ml.
*Optimal dilution should be determined by each laboratory for each application.
*Coupled antibody: to maintain RT before use.

Aliquot storage conditions: -20°C. **KEEP CONTENTS STERILE: no preservative.**
Purified antibodies: avoid repeated freeze/thaw cycles.
Coupled antibodies: glycerol protects from freezing.

Not for use in Humans. For research purpose only