

CD38 (ABT-CD38) IHC kit

CatalogNo: IHCM6572

Key Features

Host Species

- Mouse

Reactivity

- Human,

Applications

- IHC

Isotype

- IgG1,Kappa

Recommended Dilution Ratios

Storage

Storage* 2°C to 8°C/1 year

Basic Information

Clonality Monoclonal

Clone Number ABT-CD38

Immunogen Information

Immunogen Synthesized peptide derived from human CD38 AA range: 200-300

Specificity The antibody can specifically recognize human CD38 protein.

Target Information

Gene name CD38

Protein Name ADP-ribosyl cyclase 1 (Cyclic ADP-ribose hydrolase 1) (cADPr hydrolase 1) (T10) (CD antigen CD38)

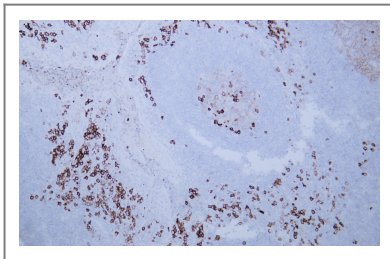
| Organism | Gene ID | UniProt ID |
|----------|-----------------------|--------------------------|
| Human | 952 ; | P28907 ; |

Cellular Localization Membranous

Tissue specificity Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma.

Function Catalytic activity:NAD(+) + H(2)O = ADP-ribose + nicotinamide.,developmental stage:Preferentially expressed at both early and late stages of the B and T-cell maturation. It is also detected on erythroid and myeloid progenitors in bone marrow, where the level of surface expression was shown to decrease during differentiation of blast-forming unit E to colony-forming unit E.,enzyme regulation:ATP inhibits the hydrolyzing activity.,Function:Synthesizes cyclic ADP-ribose, a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.,online information:CD38 entry,similarity:Belongs to the ADP-ribosyl cyclase family.,tissue specificity:Expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma.,

Validation Data



Human tonsil tissue was stained with Anti-CD38 (ABT-CD38) Antibody

Contact information

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