

CD38 Recombinant antibody

Cat:B32069R

Company: Haokebio

Uniprot ID:P28907

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

CD38, also known as ADP-ribosyl cyclase, synthesizes the second messengers cyclic ADP-ribose (cADPr) and nicotinic acid-adenine dinucleotide phosphate (NAADP); the former serves as a second messenger for glucose-induced insulin secretion. CD38 also exhibits cADPr hydrolase activity. It is found on immature cells of the B and T cell lineages, but not on most mature quiescent peripheral lymphocytes. Additionally, it is present in thymocytes, pre-B cells, germinal center B cells, mitogen-activated T cells, Ig-secreting plasma cells, monocytes, natural killer (NK) cells, erythrocytes and myeloid progenitor cells in the bone marrow, as well as brain cells. CD38 is used for identifying plasma cell and plasmablast differentiation, and for assessing the prognosis of patients with B-cell chronic lymphocytic leukemia (CLL).

Protein full name:

CD38 molecule

Synonyms:

ADPRC 1, ADP ribosyl cyclase 1, 2'-phospho-cyclic-ADP-ribose transferase, 2'-phospho-ADP-ribosyl cyclase/2'-phospho-cyclic-ADP-ribose transferase, 2'-phospho-ADP-ribosyl cyclase

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cell membrane

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

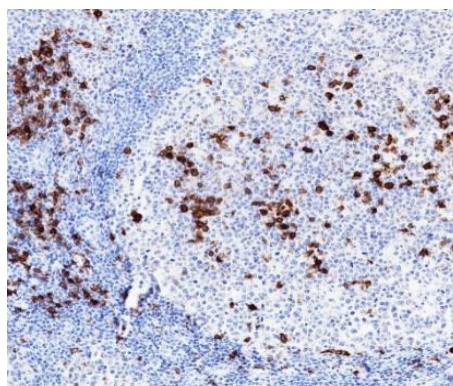
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human tonsil tissue, 4% PFA 12-24h

Source of Reagents:

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