

CD43 monoclonal antibody

Catalog: MB22978

Host: Mouse

Reactivity: Human

BackGround:

This gene encodes a highly sialylated glycoprotein that functions in antigen-specific activation of T cells, and is found on the surface of thymocytes, T lymphocytes, monocytes, granulocytes, and some B lymphocytes. It contains a mucin-like extracellular domain, a transmembrane region and a carboxy-terminal intracellular region. The extracellular domain has a high proportion of serine and threonine residues, allowing extensive O-glycosylation, and has one potential N-glycosylation site, while the carboxy-terminal region has potential phosphorylation sites that may mediate transduction of activation signals. Different glycoforms of this protein have been described. In stimulated immune cells, proteolytic cleavage of the extracellular domain occurs in some cell types, releasing a soluble extracellular fragment. Defects in expression of this gene are associated with Wiskott-Aldrich syndrome.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

40.3kda

Swiss-Prot:

P16150

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200-1/1000 FC:1/200-1/400

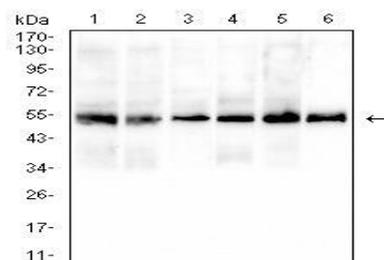
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

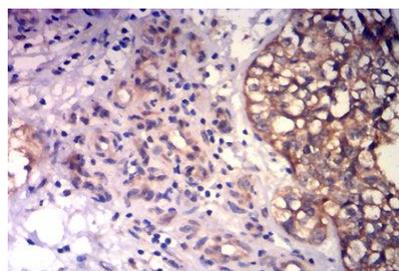
Isotype:

Mouse IgG1

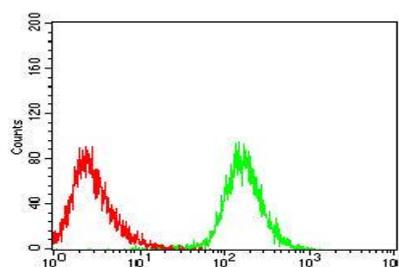
DATA:



Western blot analysis using CD43 mouse mAb against HEK293-6E (1), HEK293 (2), K562 (3), MOLT4 (4), Jurkat (5), and PANC-1 (6) cell lysate.



Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CD43 mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using CD43 mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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