CD43 monoclonal antibody

Catalog: MB65991 Host: Mouse Reactivity: Human

BackGround:

CD43, also known as leukosialin and sialophorin, is a type I transmembrane sialylated, negatively charged mucin that is expressed on the surface of most hematopoietic cells. CD43 plays an important role in T lymphocyte function by negatively regulating antigen-specific T cell activation and interfering with cellular adhesion and proliferation. It also has been reported that CD43 is involved in viral clearance. Aberrant expression of CD43 is associated with several diseases, such as Wiskott-Aldrich syndrome and acute leukemia.

Product:

Mouse IgG1. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 40 kDa

Swiss-Prot:

P16150

Purification&Purity:

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

Applications:

IHC (1/100 - 1/300)

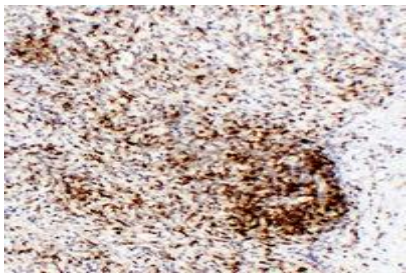
Storage&Stability:

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

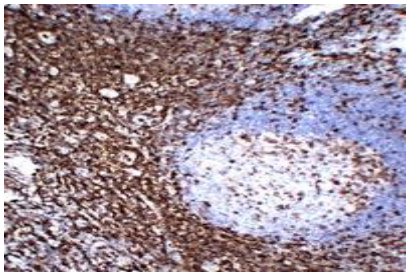
Specificity:

Recognizes endogenous levels of CD43 protein.

DATA:



Immunohistochemical analysis of CD43 staining in human anaplastic large cell lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of CD43 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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