

CD43 (ABT-CD43) IHC kit

CatalogNo: IHCM6154

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-CD43

Immunogen Information

Immunogen Synthesized peptide derived from human CD43 AA range: 300-400

Specificity The antibody can specifically recognize human CD43 protein.

Target Information

Gene name SPN CD43

Protein Name Leukosialin (Galactoglycoprotein) (GALGP) (Leukocyte sialoglycoprotein) (Sialophorin) (CD antigen CD43)

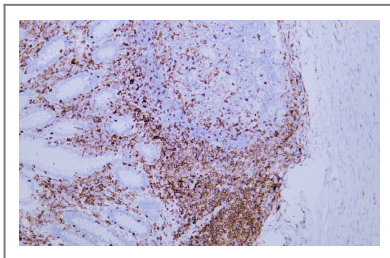
Organism	Gene ID	UniProt ID
Human	6693 ;	P16150 ;

Cellular Localization Membranous

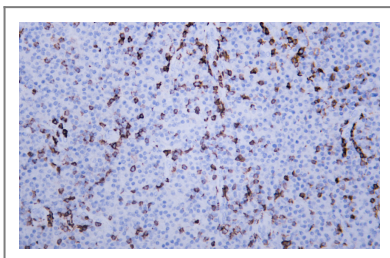
Tissue specificity Cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas.

Function Disease:CD43 expression is defective on the T-cells of males with the immunodeficiency Wiskott-Aldrich syndrome. Affected males are susceptible to opportunistic infections and do not respond to polysaccharide antigens, reflecting defects in cytotoxic and helper T-cell functions.,Function:One of the major glycoproteins of thymocytes and T lymphocytes. Plays a role in the physicochemical properties of the T-cell surface and in lectin binding. Presents carbohydrate ligands to selectins. Has an extended rodlike structure that could protrude above the glycocalyx of the cell and allow multiple glycan chains to be accessible for binding. Is a counter receptor for SN/Siglec-1 (By similarity). During T-cell activation is actively removed from the T-cell-APC (antigen-presenting cell) contact site thus suggesting a negative regulatory role in adaptive immune response.,PTM:Glycosylated; has a high content of sialic acid and O-linked carbohydrate structures.,subunit:Interacts with HIPK2 via the cytoplasmic domain.,tissue specificity:Cell surface of thymocytes, T-lymphocytes, neutrophils, plasma cells and myelomas.,

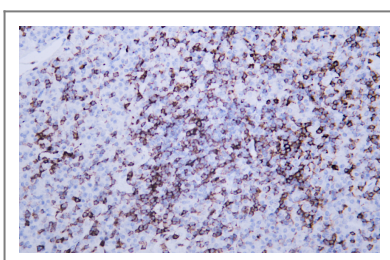
Validation Data



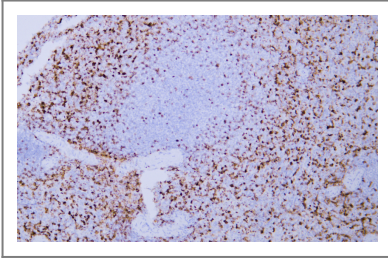
Human appendix tissue was stained with Anti-CD43 (ABT-CD43) Antibody



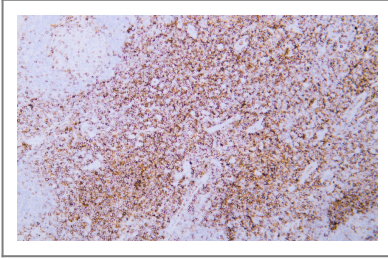
Human lymphoma tissue was stained with Anti-CD43 (ABT-CD43) Antibody



Human lymphoma tissue was stained with Anti-CD43 (ABT-CD43) Antibody



Human spleen tissue was stained with Anti-CD43 (ABT-CD43) Antibody



Human tonsil tissue was stained with Anti-CD43 (ABT-CD43) Antibody

Contact information

Orders: order@immunoway.com
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Please scan the QR code
to access additional
product information:
CD43 (ABT-CD43)
IHC kit

For Research Use Only. Not for Use in Diagnostic Procedures.

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