
CD10 (HI10a) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250943

Unit: 0.1 mg

Description:

The CD10 (HI10a) antibody recognizes neutral endopeptidase, a 100-kDa type-II transmembrane glycoprotein, which is referred as the Common Acute Lymphoblastic Leukemia Antigen (CALLA). CD10 antigen is expressed on a wide variety of normal and neoplastic cells including some subset of B and T lymphoid progenitors, germinal center cells, some granulocytes and fibroblasts. CD10 is a marker of common (pre-B) acute lymphocytic leukemias in which CD19, HLA-II and CD9 antigens are coexpressed. CD10 is a regulator of B cell growth and proliferation by hydrolysis of peptides having either proliferative or anti-proliferative functions.

Isotype: mouse IgG1

Applications: E, FC, IHC

Species Reactivity: H

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Neprilysin; Neutral endopeptidase; NEP; Enkephalinase; Neutral endopeptidase 24.11; Atriopeptidase; Common acute lymphocytic leukemia antigen; CALLA; CD10 antigen; MME; EPN

Accession No.: P08473

Application Notes: Purified antibody is suitable for immunohistochemistry with acetone-fixed frozen sections. E: 1:500-1:1,000; FC: 1:200-1:1,000; IHC: 1:200-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

Product Citations: Schlossman S. et al., eds. 1995.

Leucocyte Typing V: White Cell Differentiation Antigens. P246, Oxford University Press, New York

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