

CD74 Rabbit pAb

Catalog No.: A24487

Basic Information

Observed MW

34kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

ELISA,WB

Cross-Reactivity

Mouse

Background

Enables MHC class II protein binding activity; cytokine receptor activity; and nitric-oxide synthase binding activity. Contributes to cytokine binding activity. Involved in several processes, including macrophage migration inhibitory factor signaling pathway; positive regulation of macromolecule metabolic process; and regulation of signal transduction. Acts upstream of or within several processes, including antigen processing and presentation of exogenous peptide antigen via MHC class II; regulation of T cell differentiation; and thymic T cell selection. Located in several cellular components, including Golgi apparatus; external side of plasma membrane; and multivesicular body. Part of MHC class II protein complex; NOS2-CD74 complex; and macrophage migration inhibitory factor receptor complex. Is expressed in lower jaw; lower jaw incisor; lower jaw molar; and thymus primordium. Orthologous to human CD74 (CD74 molecule).

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

16149

Swiss Prot

P04441-2

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 56-215 of mouse CD74 (NP_034675.1).

Synonyms

Ii; CLIP; DHLAG; HLADG; Ia-GAMMA; CD74

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

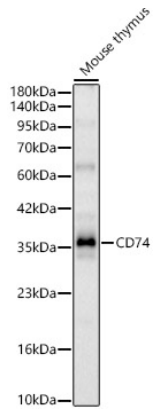
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,50% glycerol,pH7.3.

Validation Data



Western blot analysis of Mouse thymus, using CD74 Rabbit pAb (A24487) at 1:900 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.