

CD74 Rabbit pAb

Catalog No.: A24487

Basic Information

Observed MW

34kDa

Calculated MW

24kDa

Category

Primary antibody

Applications

WB, ELISA

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**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

16149

Swiss Prot

P04441-2

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

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

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

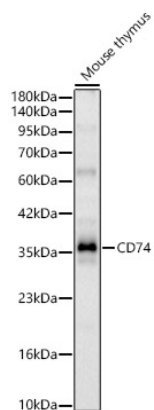
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



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