

CD74 Polyclonal Antibody

Catalog No. E-AB-40348

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

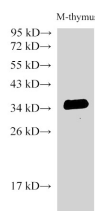
Reactivity	Mouse
Immunogen	Recombinant Mouse H-2 class II histocompatibility antigen gamma chain protein
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.

Applications Recommended Dilution

WB 1:500-1:1000 IHC

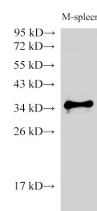
1:100-1:200

Data

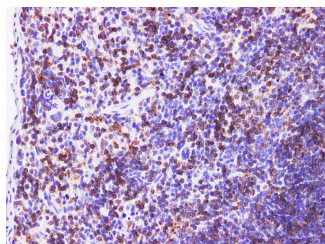


Western Blot analysis of Mouse thymus using CD74 Polyclonal Antibody at dilution of 1:500

Observed Mw:35 kDa
Calculated Mw:31,24 kDa



Western Blot analysis of Mouse spleen using CD74 Polyclonal Antibody at dilution of 1:500



Immunohistochemistry of paraffin-embedded Mouse spleen using CD74 Polyclonal Antibody at dilution of 1:200

Preparation & Storage

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

For Research Use Only

Background

The protein encoded by this gene associates with class II major histocompatibility complex (MHC) and is an important chaperone that regulates antigen presentation for immune response. It also serves as cell surface receptor for the cytokine macrophage migration inhibitory factor (MIF) which, when bound to the encoded protein, initiates survival pathways and cell proliferation. This protein also interacts with amyloid precursor protein (APP) and suppresses the production of amyloid beta (Abeta). Multiple alternatively spliced transcript variants encoding different isoforms have been identified.