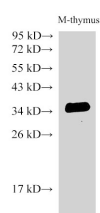


CD74 Polyclonal Antibody

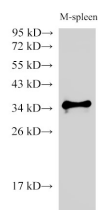
Catalog No.	E-AB-40348	Reactivity	M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC	Isotype	IgG

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

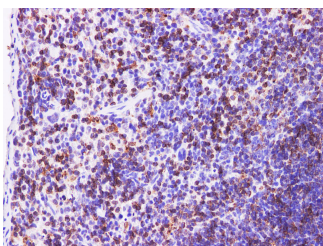
Images



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



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

Immunogen Information

Immunogen	Recombinant Mouse H-2 class II histocompatibility antigen gamma chain protein
GeneID	16149
Swissprot	P04441
Synonyms	CD 74, CD74 antigen, CD74 molecule, DHLAG, HLA DR gamma, MHC HLA DR gamma chain, p33, p35

Product Information

Calculated MW	31,24 kDa
Observed MW	35 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:500-1:1000 IHC 1:100-1:200

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.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.