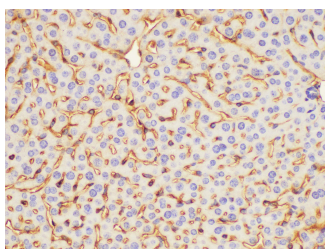


CD47 Polyclonal Antibody

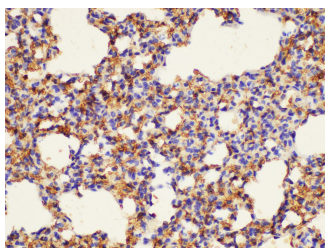
Catalog No.	E-AB-40365	Reactivity	M
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	IHC	Isotype	IgG

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

Images



Immunohistochemistry of paraffin-embedded Mouse liver using CD47 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Mouse lung using CD47 Polyclonal Antibody at dilution of 1:100

Immunogen Information

Immunogen	Recombinant Mouse Leukocyte surface antigen CD47 protein
Swissprot	Q61735
Synonyms	CD 47, IAP, Integrin Associated Protein, MER6, OA3

Product Information

Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.3.
Purify	Antigen Affinity Purification
Dilution	IHC 1:50-1:200

Background

CD47, also known as integrin-associated protein (IAP), is a member of the immunoglobulin superfamily containing a five-pass transmembrane attachment. CD47 is heavily glycosylated and widely expressed by hematopoietic and nonhematopoietic cells. CD47 interacts with several membrane integrins and also acts a receptor for thrombospondin (THBS1). It is involved in a range of cellular processes, including apoptosis, proliferation, adhesion, and migration. CD47 also functions as a ligand for signal regulatory protein- α (SIRP α). Upon binding CD47, SIRP α initiates a signaling cascade that results in the inhibition of phagocytosis.

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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.