003216589045 (EU)
0203393 8531 (UK)
(408)780-0908 (US)
info@gentaur.com
www.caslab.com

CD47 Polyclonal Antibody

Cat #: G-AB-00322

Host: Rabbit **Reactivity:** Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
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- (SIRP). Upon binding CD47,SIRP initiates a signaling cascade that results in the inhibition of phagocytosis.

Gene ID: 16423

Accession #:

Immunogen: Recombinant Mouse Leukocyte surface antigen CD47 protein

Conjugation: Unconjugated

Swissprot: Q61735

Calculated Molecular Weight:

Observed Molecular Weight:

Concentration: 1 mg/mL

Buffer: PBS with 0.05% Proclin300 and 50% glycerol, pH7.3

Purification Method: Antigen Affinity Purification

Application: IHC

Dilution: IHC 1:50-1:200

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