CD47 Monoclonal Antibody

catalog number: **AN200128P**

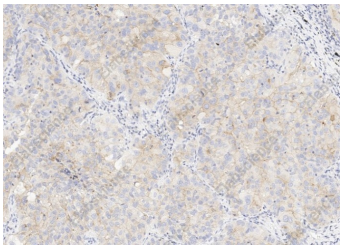
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

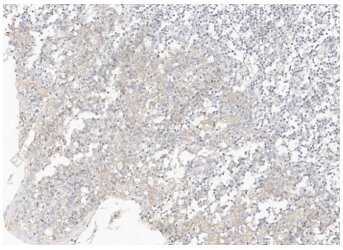
Reactivity	Human
Immunogen	Recombinant Human CD47 Protein
Host	Mouse
Isotype	Mouse IgG1
Clone	A976
Purification	Protein A affinity purification
Conjugation	Unconjugated
Buffer	0.2 μm filtered solution in PBS.

Applications	Recommended Dilution
IHC-P	1:100-1:1000

Data



Immunohistochemistry of paraffin-embedded human lung cancer using CD47 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded human tonsilusing CD47 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

CD47 (also integrin-associated protein/IAP and OA3) is a variably glycosylated, 40-60 kDa atypical member of the Ig-Superfamily. It is expressed on almost all cell types, including erythrocytes. CD47 binds to TSP-1 and SIRP alpha, and forms a membrane complex with CD36 and alpha v beta 3. Mature human CD47 is a 305 amino acid (aa), five-transmembrane glycoprotein.

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