

CD47 Monoclonal Antibody

catalog number: AN200128P

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

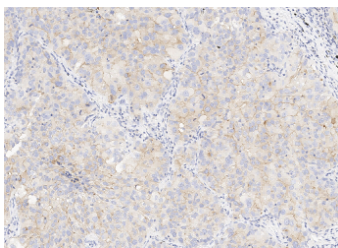
Description

| | |
|---------------------|---------------------------------|
| Reactivity | Human |
| Immunogen | Recombinant Human CD47 Protein |
| Host | Mouse |
| Isotype | IgG1 |
| Clone | 10A6 |
| Purification | Protein A |
| Buffer | 0.2 µm filtered solution in PBS |

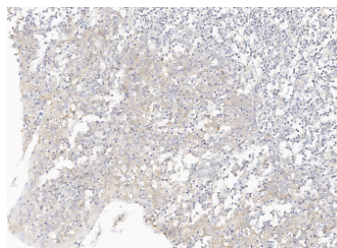
Applications Recommended Dilution

| | |
|--------------|--------------|
| IHC-P | 1:100-1:1000 |
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Data



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



Immunohistochemistry of paraffin-embedded human tonsil using 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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