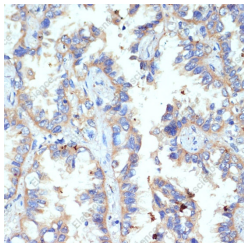
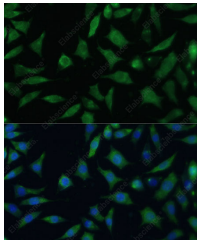
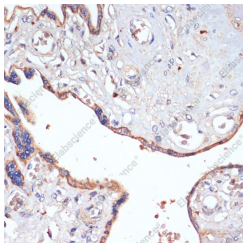
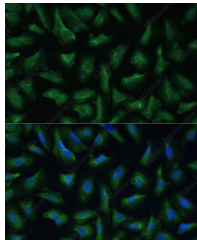


CD47 Polyclonal Antibody

catalog number: E-AB-67354

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

Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant fusion protein of human CD47 (NP_942088.1).
Host	Rabbit
Isotype	Rabbit IgG
Purification	Affinity purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.
Applications	Recommended Dilution
IHC	1:50-1:200
IF	1:50-1:200

Data	
 Immunohistochemistry of paraffin-embedded Human lung cancer using CD47 Polyclonal Antibody at dilution of 1:200 (40x lens).  Immunofluorescence analysis of L929 cells using CD47 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.	 Immunohistochemistry of paraffin-embedded Human placenta using CD47 Polyclonal Antibody at dilution of 1:200 (40x lens).  Immunofluorescence analysis of U-2 OS cells using CD47 Polyclonal Antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Preparation & Storage	
Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background
This gene encodes a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. The encoded protein is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction. This gene has broad tissue distribution, and is reduced in expression on Rh erythrocytes. Alternatively spliced transcript variants have been found for this gene.

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Rev. V1.7

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