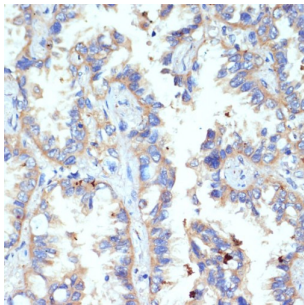
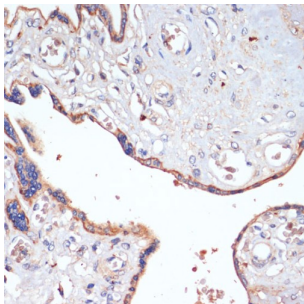


Leukocyte Surface Antigen CD47 (CD47) Antibody

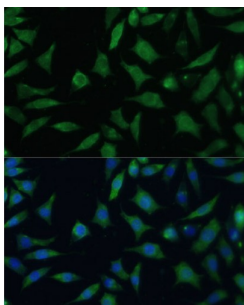
Catalogue No.: abx005485



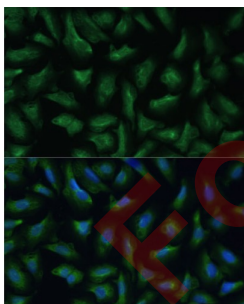
Immunohistochemistry of paraffin-embedded Human lung cancer using CD47 Antibody (1/200 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human placenta using CD47 Antibody (1/200 dilution, 40x lens).



Immunofluorescence analysis of L929 cells using CD47 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using CD47 Antibody (1/100 dilution). Blue: DAPI for nuclear staining.

CD47 Antibody is a Rabbit Polyclonal antibody against CD47. 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.

Target: Leukocyte Surface Antigen CD47 (CD47)

Datasheet

Version: 4.0.0
Revision date: 04 Jun 2025



Clonality:	Polyclonal
Reactivity:	Human, Mouse, Rat
Tested Applications:	IHC, IF/ICC
Host:	Rabbit
Recommended dilutions:	IHC-P: 1/50 - 1/200, IF/ICC: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human CD47
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q08722 (UniProt , ExPASy)
Gene Symbol:	CD47
GeneID:	961
OMIM:	601028
NCBI Accession:	NP_001768.1
HGNC:	1682
KEGG:	hsa:961
Ensembl:	ENSG00000196776
String:	9606.ENSP00000355361
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml

Note:

THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only