

Anti-CD47 (Extracellular region) Antibody

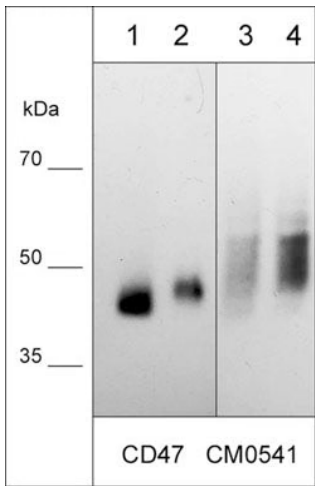


Product Details

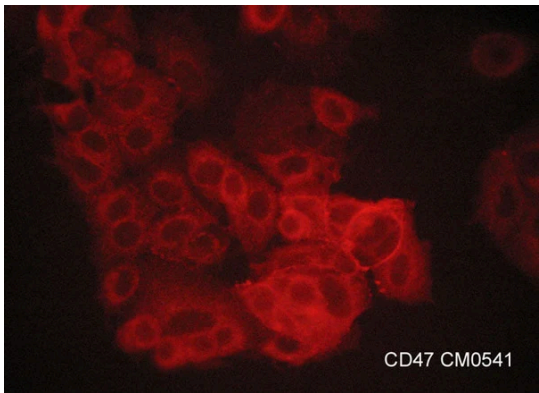
Available Variants	100 µL (SKU:CM0541)
Conjugate	Unconjugated
Isotype	IgG1
Clone	M054
Gene Name	CD47
Host Species	Mouse
Format	Protein G Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, IP, WB
Dilution Ranges	WB: 1:500 ICC: 1:200 IP: 1:100
Species Reactivity	Human
Immunogen	Clone (M054) was generated from a recombinant protein that included the extracellular region of human CD47 protein.
Specificity	Clone M054 mouse monoclonal antibody detects native human CD47, as well as aldehyde-fixed CD47. The antibody works for staining in immunocytochemistry, capture and detection in ELISA, native immunoprecipitation and western blot. The antibody detects a 45 to 55 kDa band in native western blots of A431, BEAS-2B, MCF7, NCI-H446, NCI-H28, and NCI-H2052 cell lines.
Molecular Weight	45-55
Quality Control	Western blots performed on each lot.

Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
UniProt ID	Q08722
Country of Origin	United States
Shipping	Blue Ice
Expiration	After date of receipt, stable for at least 1 year at -20°C.
Usage Statement	For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

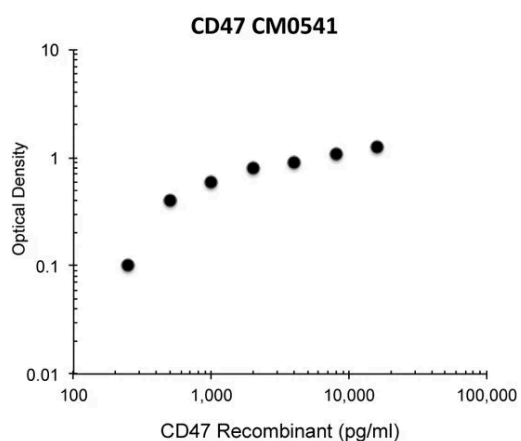
Product Images



Native western blot of human BEAS-2B lung cells (lane 1), NCI-H446 lung cancer cells (lane 2), lung mesothelioma cells: NCI-H28 (lane 3), and NCI-H2052 (lane 4). The blot was probed with mouse monoclonal anti-CD47 (CM0541) at 1:500.



Immunocytochemical labeling of CD47 in aldehyde fixed human MCF7 breast carcinoma cells. The cells were labeled with mouse monoclonal anti-CD47 (CM0541). The antibody was detected using goat anti-mouse DyLight® 594.



Representative Standard Curve using mouse monoclonal anti-CD47 (CM0541) for ELISA capture of human recombinant CD47 extracellular region with a His-tag. Captured protein was detected by suitable anti-His-tag antibody followed by appropriate secondary antibody HRP conjugate.

Product Page URL: www.antibodiesinc.com/products/anti-cd47-extracellular-region-antibody-cm0541



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