

anti-Human CD47 Antibody | anti-CD47 antibody

Goat anti-CD47 (aa78-89) Antibody

CATALOG # AAA62018	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot, ELISA
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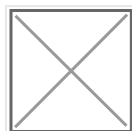
PRODUCT SYNONYMS

CD47; Goat anti-CD47 (aa78-89) Antibody; CD47 molecule; IAP; MER6; OA3; CD47 antigen (Rh-related antigen; integrin-associated signal transducer); CD47 glycoprotein; Rh-related antigen; antigen identified by monoclonal antibody 1D8; antigenic surface determinant protein OA3; integrin associ; anti-CD47 antibody

PRODUCT SPECIFICATIONS

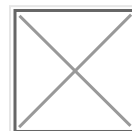
Reactivity	Human
Purity/Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Form/Format	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Concentration	100ug specific antibody in 200ul (varies by lot)
Sequence	C-PTDFSSAK IEVS
Applicable Applications for anti-CD47 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA (Peptide ELISA)
Epitope	internal region
Product Note	This antibody is expected to recognize all reported isoforms NP_001768.1; NP_942088.1; NP_001369235.1
Preparation and Storage	Aliquot and store at -20°C. Minimize freezing and thawing.

IMAGES



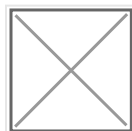
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of paraformaldehyde fixed THP-1 cells (blue line) permeabilized with 0.5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488® conjugated secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.



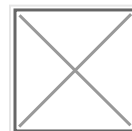
IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed THP-1 cells immobilized on Shifix™ coverslip, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



IF (Immunofluorescence)

Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



WB (Western Blot)

EB12502 (1ug/ml) staining of Human Tonsil (A) + peptide (B) lysate (RIPA buffer, (35ug protein in RIPA buffer). Detected by chemiluminescence.

ADDITIONAL INFORMATION

References	Azcutia V, Stefanidakis M, Tsuboi N, Mayadas T, Croce KJ, Fukuda D, Aikawa M, Newton G, Luscinskas FW. Endothelial CD47 promotes vascular endothelial-cadherin tyrosine phosphorylation and participates in T cell recruitment at sites of inflammation in vivo. Journal of immunology (Baltimore, Md. : 1950) 2012 Sep 189 (5): 2553-62. PMID: 22815286
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	961
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/human-antibody/cd47/62018>