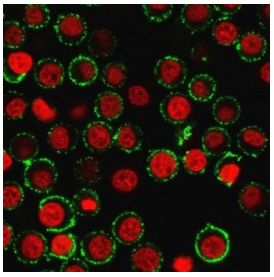
CD47 Antibody IAP/964 / Mouse Monoclonal [clone IAP/964] (V3014)

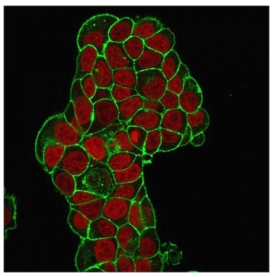
Catalog No.	Formulation	Size
V3014-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3014-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3014SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

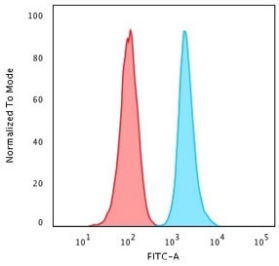
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	IAP/964
Purity	Protein G affinity chromatography
UniProt	Q08722
Localization	Cell surface, cytoplasmic
Applications	Immunofluorescence: 1-2ug/ml Flow cytometry: 1-2ug/million cells
Limitations	This CD47 Antibody IAP/964 is available for research use only.



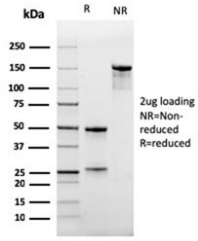
CD47 Antibody IAP/964 IF Analysis. Immunofluorescent staining of live human Jurkat cells with CD47 antibody (green, clone IAP/964) and Reddot nuclear stain (red).



Immunofluorescent staining of PFA-fixed human MCF7 cells with CD47 antibody (green, clone IAP/964) and Reddot nuclear stain (red).



Flow cytometry staining of live human Jukat cells with CD47 antibody (clone IAP/964); Red=isotype control, Blue= CD47 antibody.



SDS-PAGE analysis of purified, BSA-free CD47 antibody (clone IAP/964) as confirmation of integrity and purity.

Description

CD47 Antibody IAP/964 reacts with Ig domain of CD47 protein. CD47, originally named integrin-associated protein (IAP), is a 50kDa protein containing five membrane-spanning sequences and a short cytoplasmic tail. CD47 plays a role in both cell adhesion by acting as an adhesion receptor for THBS1 on platelets, and in the modulation of integrins. It is important in memory formation and synaptic plasticity in the hippocampus. CD47 may play a role in membrane transport and/or integrin dependent signal transduction.

For a Protein Microarray Validated antibody targeting the same protein, see our CD47 Antibody CD47/2937 / IAP Monoclonal Antibody.

Application Notes

Optimal dilution of the CD47 Antibody IAP/964 should be determined by the researcher.

Immunogen

Recombinant human protein was used as the immunogen for the CD47 Antibody IAP/964.

Storage

Store the CD47 Antibody IAP/964 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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