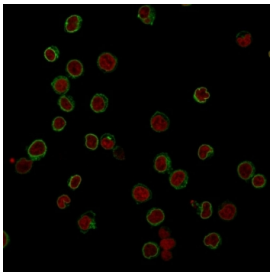
CD3 Antibody / CD3e [clone RIV9] (V2380)

Catalog No.	Formulation	Size
V2380-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2380-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2380SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

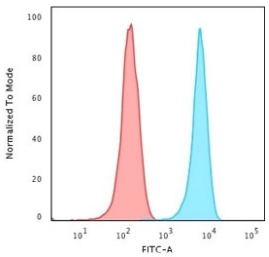
Citations (11)

Bulk quote request

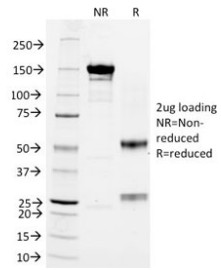
Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG3, kappa
Clone Name	RIV9
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P07766
Localization	Cell surface and cytoplasmic
Applications	Functional Studies (order BSA/sodium Azide-free Format) : Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml
Limitations	The CD3 antibody is available for research use only.



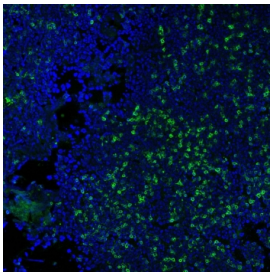
Immunofluorescent staining of FFPE human Jurkat cells with CD3 antibody (green, clone RIV9) and Reddot nuclear stain (red).



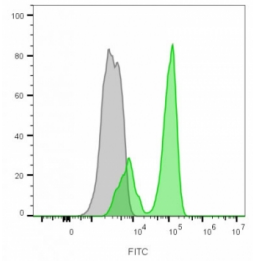
Flow cytometry testing of human Jurkat cells with CD3 antibody (clone RIV9); Red=isotype control, Blue= CD3 antibody.



SDS-PAGE analysis of purified, BSA-free CD3 antibody (clone RIV9) as confirmation of integrity and purity.



Immunofluorescent staining of methanol-fixed human tonsil tissue cryosection with CF488A-CD3 antibody (clone RIV9, green) and DAPI nuclear stain (blue).



Flow cytometry testing of lymphocyte-gated human PBM cells with CF488A-CD3 antibody (clone RIV9); Gray=unstained, Green= CD3 antibody.

Description

The CD3 complex mediates signal transduction. [UniProt]

Application Notes

Optimal dilution of the CD3 antibody for a specific application should be determined by researcher.

Immunogen

Human peripheral lymphocytes were used as immunogen for the CD3 antibody. The epitope is known to be on the epsilon chain.

Storage

CD3 antibody with azide can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.