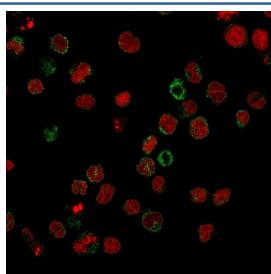


FUT4 Antibody [clone FR4A5] (V2522)

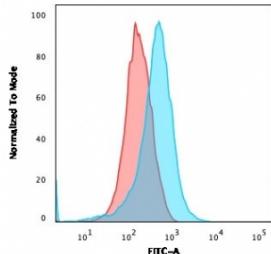
Catalog No.	Formulation	Size
V2522-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2522-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2522SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	FR4A5
Purity	PEG precipitation
UniProt	P22083
Localization	Cell surface and granular paranuclear
Applications	Flow Cytometry : 0.5-1ug/million cells Immunofluorescence : 0.5-1ug/ml
Limitations	This FUT4 antibody is available for research use only.



Immunofluorescent staining of human U937 cells with CD15 antibody (clone FR4A5, green) and Reddot nuclear stain (red).



FACS analysis of human U937 cells using CD15 antibody (clone FR4A5, blue) and isotype control (red).

Description

CD15 plays a role in mediating phagocytosis, bactericidal activity, and chemotaxis. It is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. In addition, CD15 is expressed in Reed-Sternberg cells and some epithelial cells. CD15 antibody is very useful in the identification of Hodgkin's disease. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes which otherwise have a quite distinct histological appearance.

Application Notes

Optimal dilution of the FUT4 antibody should be determined by the researcher.

Immunogen

Myelomonocytic leukemia cells were used as the immunogen for the FUT4 antibody.

Storage

Store the FUT4 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).