

TRAP Antibody / CD40L (F49677)

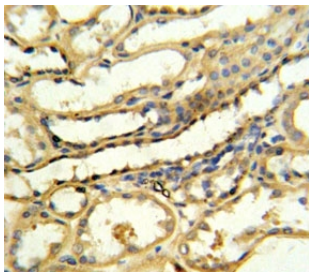
Catalog No.	Formulation	Size
F49677-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F49677-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

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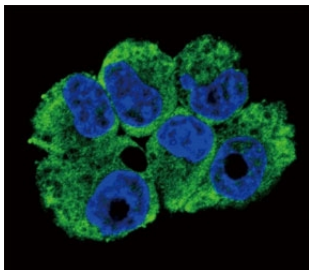
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine, Pig
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	P29965
Localization	Cytoplasmic, membranous
Applications	Western Blot : 1:1000 IHC (Paraffin) : 1:10-1:50 Immunofluorescence : 1:10-1:50 Flow Cytometry : 1:10-1:50
Limitations	This TRAP antibody is available for research use only.



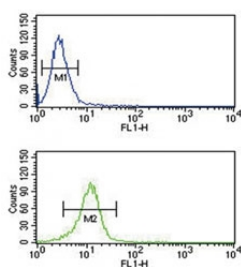
Western blot analysis of TRAP antibody and NCI-H460 lysate. Expected molecular weight: 29-39 kDa (depending on glycosylation level) or ~18 kDa (soluble form).



TRAP antibody IHC analysis in formalin fixed and paraffin embedded human kidney tissue



Confocal immunofluorescent analysis of TRAP antibody with NCI-H460 cells followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used as a nuclear counterstain (blue).



TRAP antibody flow cytometric analysis of NCI-H460 cells (green) compared to a [negative control](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1001001/) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

TRAP/CD154/CD40L is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in its gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.

Application Notes

Titration of the TRAP antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 33-62 from the human protein was used as the immunogen for this TRAP antibody.

Storage

Aliquot the TRAP antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.