

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 |

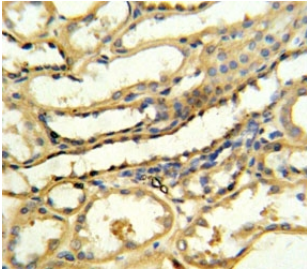
[Bulk quote request](#)

| | |
|-----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Predicted Reactivity | Bovine, Pig |
| Format | Purified |
| Host | Rabbit |
| 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. |

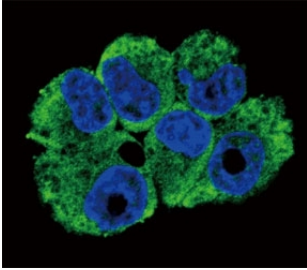


95
72
55
36
28
17

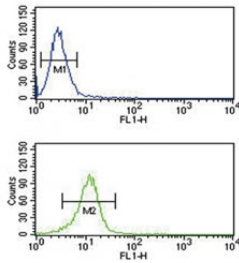
Western blot analysis of TRAP antibody and NCI-H460 lysate. Expected molecular weight: 29-39 kDa (depending on glycosylation level) or ~18 kDa (soluble form).



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](#) (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 -20°C or colder. Avoid repeated freeze-thaw cycles.