# CoraLite ® Plus 488-conjugated RAC1 Monoclonal antibody 

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Antibodies । ELISA kits । Proteins www.ptglab.com

Catalog Number:CL488-66122
Featured Product 1 Publications

| Basic Information | Catalog Number: <br> CL488-66122 | GenBank Accession Number: BC004247 |  | Purification Method: <br> Protein A purification |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \text { Size: } \\ & 1000 \mu \mathrm{~g} / \mathrm{ml} \end{aligned}$ | GeneID (NCBI):$5879$ |  | CloneNo.: <br> 4A4B11 |
|  | Source: <br> Mouse | UNIPROT ID: |  | Recommended Dilutions: |
|  | Isotype: <br> IgG2b <br> Immunogen Catalog Number: <br> AG17779 | Full Name: <br> ras-related C 3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1) |  | Excitation/Emission maxima wavelengths: |
|  |  | Calcula 21 kDa | Calculated MW: |  |
|  |  | Observed MW: |  |  |
|  |  | 21 kDa |  |  |
| Applications | Tested Applications: IF/ICC | Positive Controls:IF : HeLa cells, |  |  |
|  | Cited Applications: <br> IF |  |  |  |
|  | Species Specificity: human, mouse, rat |  |  |  |
|  | Cited Species: human |  |  |  |
| Background Information | RAC1b, also named as TC25, belongs to the small GTPase superfamily and Rho family. RAC1 is a plasma membrane-associated small GTPase which cycles between active GTP-bound and inactive GDP-bound states. In its active state, it binds to a variety of effector proteins to regulate cellular responses such as secretory processes, phagocytosis of apoptotic cells, epithelial cell polarization and growth-factor induced formation of membrane ruffles. |  |  |  |
| Notable Publications | Author | Pubmed ID | Journal | Application |
|  | Huiyi Tang | 33122632 | Cell Death Dis | IF |

Storage
Storage:
Store at $-20^{\circ} \mathrm{C}$. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50\% Glycerol, 0.05\% Proclin300, 0.5\% BSA, pH 7.3.
Aliquoting is unnecessary for $-20^{\circ} \mathrm{C}$ storage

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.


Immunofluorescent analysis of ( $-20^{\circ} \mathrm{C}$ Ethanol) fixed HeLa cells using CoraLite® Plus 488-
conjugated RAC1 antibody (CL488-66122, Clone: $4 A 4 B 11$ ) at dilution of 1:100.

