

For Research Use Only

CoraLite®594-conjugated RACK1; GNB2L1 Monoclonal antibody

Catalog Number: CL594-66940

1 Publications



Basic Information

Catalog Number:

CL594-66940

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG26708

GenBank Accession Number:

BC019093

GeneID (NCBI):

10399

UNIPROT ID:

P63244

Full Name:

guanine nucleotide binding protein (G
protein), beta polypeptide 2-like 1

Calculated MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

1E11A7

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Cited Applications:

IF

Species Specificity:

Human

Cited Species:

mouse

Positive Controls:

IF/ICC : HeLa cells,

Background Information

Members of the protein kinase C (PKC) family play a key regulatory role in a variety of cellular functions, including cell growth and differentiation, gene expression, hormone secretion and membrane function. RACK1 (receptor for activated protein kinase C 1), encoded by GNB2L1 gene, is a 317 amino acid guanine nucleotide-binding protein subunit beta-2-like 1 protein which is involved in the recruitment, assembly and/or regulation of a variety of signaling molecules, it contains 7 WD-repeats and is implicated in various protein interaction activities. RACK1 is a component of the 40S ribosomal subunit involved in translational repression. Recent finding suggests that RACK1 may be a new promising diagnosis biomarker and therapeutic target for non-small-cell lung cancer (NSCLC).

Notable Publications

Author	Pubmed ID	Journal	Application
Jinrong Ran	37684678	Vet Res	IF

Storage

Storage:

Store at -20°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°C storage

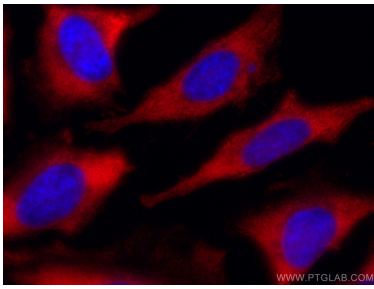
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol)
fixed HeLa cells using CoraLite@594 RACK1;
GNB2L1 antibody (CL594-66940, Clone: 1E11A7) at
dilution of 1:200.