

CTAGE5 Recombinant antibody

Catalog Number: 83017-2-RR

Basic Information

Catalog Number:

83017-2-RR

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_005930

GeneID (NCBI):

4253

UNIPROT ID:

Q96PC5

Full Name:

CTAGE family, member 5

Calculated MW:

92 kDa

Observed MW:

110 kDa

Purification Method:

Protein A purification

CloneNo.:

230262F2

Recommended Dilutions:

WB 1:1000-1:8000

IF/ICC 1:125-1:500

Applications

Tested Applications:

WB, IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : U-87 MG cells, HEK-293T cells, PC-3 cells, HeLa cells, Jurkat cells

IF/ICC : HepG2 cells,

Background Information

Cutaneous T cell lymphoma-associated antigen 5 (CTAGE5) is a member of the cTAGE family. CTAGE5 is a tumor-associated antigen and is overexpressed in various cancer cell lines. CTAGE5 consists of a signal anchor motif, a single transmembrane domain, two coiled-coil motifs, and a proline-rich domain (PRD) from the N-terminus. CTAGE5 interacts with TANGO1 through its second coil region to form a cargo receptor complex (PMID: 21525241).

Storage

Storage:

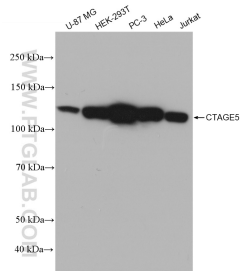
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

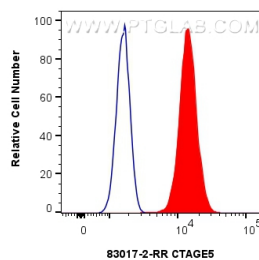
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

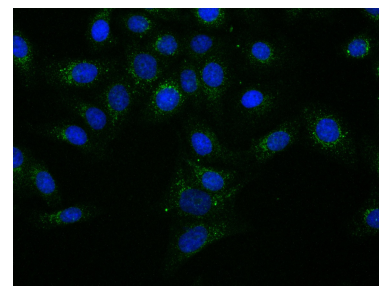
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83017-2-RR (CTAGE5 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



1x10⁶ HepG2 cells were intracellularly stained with 0.4 ug CTAGE5 Recombinant antibody (83017-2-RR, Clone:230262F2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2)(red), or 0.4 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CTAGE5 antibody (83017-2-RR, Clone: 230262F2) at dilution of 1:250 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).