

C14orf93 Antibody

Catalog No: #48082

Package Size: #48082-1 50ul #48082-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

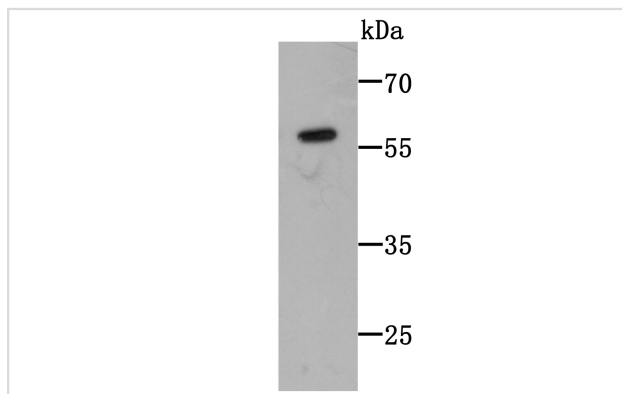
Description

Product Name	C14orf93 Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	2-F6
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Other Names	C14orf93 antibody CN093_HUMAN antibody Uncharacterized protein C14orf93 antibody Uncharacterized protein C14orf93 homolog antibody
Accession No.	Swiss-Prot#:Q9H972
Uniprot	Q9H972
GeneID	60686;
Calculated MW	57 kDa
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

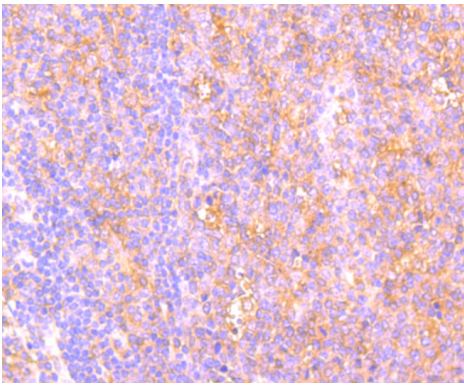
Application Details

WB: 1:500-1:1,000 IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:200

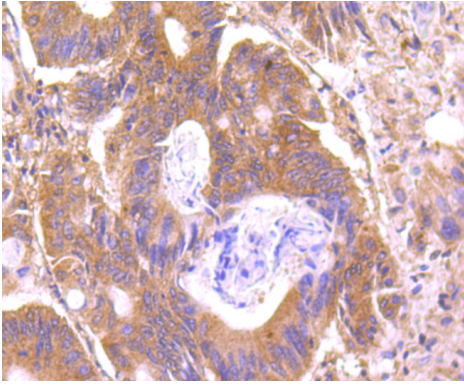
Images



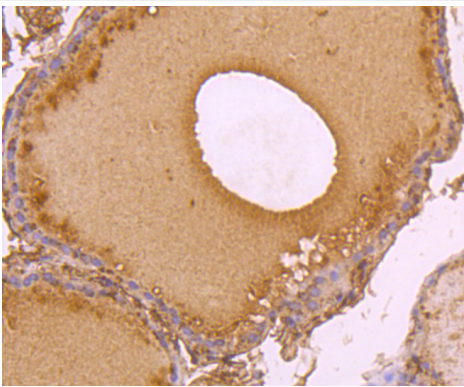
Western blot analysis of C14orf93 on C14orf93-GST recombinant protein lysate using anti-C14orf93 antibody at 1/1,000 dilution.



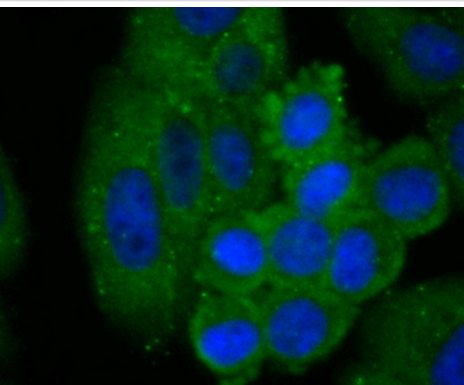
Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.



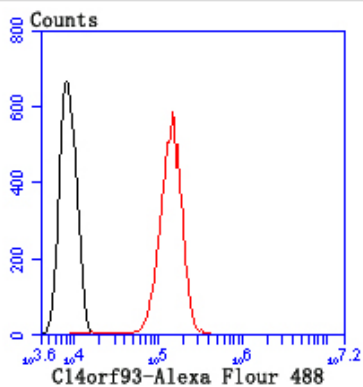
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human thyroid tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.



ICC staining C14orf93 in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of SH-SY5Y cells with C14orf93 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

Background

C14orf93 (also named as Regulator of Thyroid Function and Cancer, RTFC) as a novel susceptibility gene for familial nonmedullary thyroid cancer. The oncogenic functions of R115Q, V205M, and G209D RTFC mutants are demonstrated by cell surviving assay, migration assay, and colony forming assays. Moreover, RTFC has been identified as a potential antigen associated with the pathogenesis of peripheral T-cell lymphomas, not otherwise specified (PTCL, NOS). Two in vitro biochemical screens suggested that RTFC might have RNA and phosphopeptide (pSer/pThr-X-X-X-pSer/pThr) binding activities. Yet, the role of RTFC in normal development, as well as the molecular function of RTFC, remain unexplored.

References

Note: This product is for in vitro research use only