

Anti-C14orf93 Antibody (8U54)

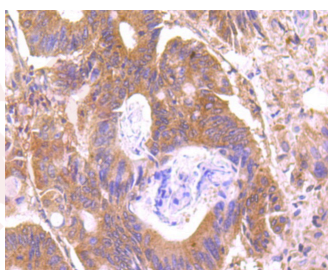
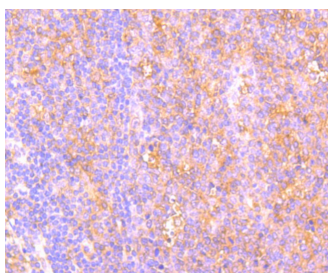
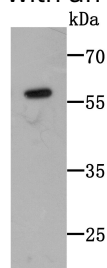
Product Details

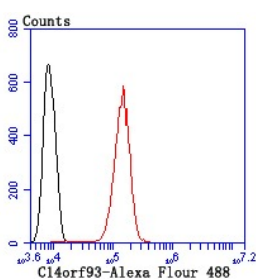
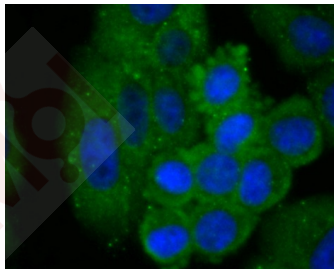
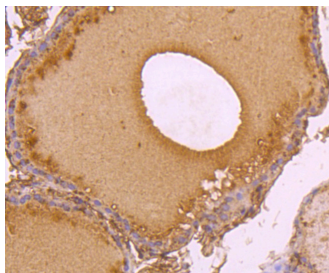
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 57 kDa.
Clone:	8U54
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot analysis of C14orf93 on C14orf93-GST recombinant protein lysate using anti-C14orf93 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human thyroid tissue using anti-C14orf93 antibody. Counter stained with hematoxylin.
5. 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.
6. 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).





Application: FCM,ICC,IHC,WB

Recommended WB: 1:500-1000; IHC: 1:50-200; ICC: 1:50-200; FCM: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q9H972

Synonyms: CN093_HUMAN;Uncharacterized protein C14orf93;Uncharacterized protein C14orf93 homolog; C14orf93

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481