Data Sheet (Cat.No.TMAC-04028)

Anti-THAP11 Antibody (8P657)

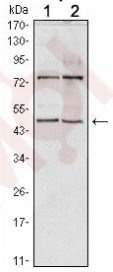
Product Details

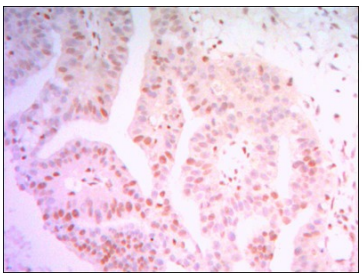
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 45, 75 kDa.
Clone:	8P657
Purification:	ProA affinity purified

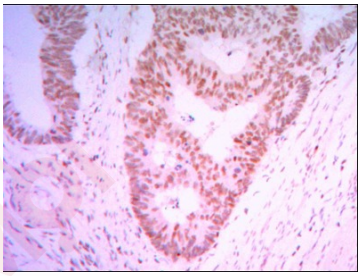
Applications

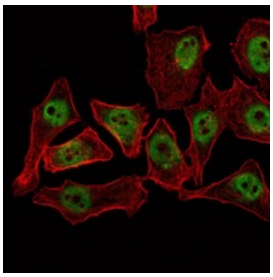
Verified Activity:

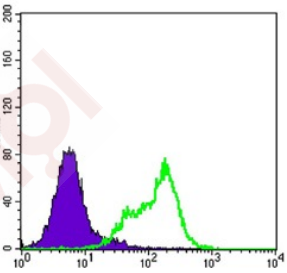
1. Western blot analysis of THAP11 on Hela (1) and NTERA-2 (2) cell lysate using anti-THAP11 antibody at 1/1,000 dilution.
2. Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-THAP11 antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue using anti-THAP11 antibody. Counter stained with hematoxylin.
4. ICC staining THAP11 (green) and actin filaments (red) in NTERA-2 cells. Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. Flow cytometric analysis of Hela cells with THAP11 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; purple).











Application: FCM,ICC,IHC,WB

Recommended: WB: 1:500; IHC: 1:50-200; ICC: 1:100-500; FCM: 1:100-200

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: Q96EK4

Synonyms: RONIN;Thap 11;CTG B43a;THAP domain-containing protein 11;THA11_HUMAN;HRIHFB2206; THAP domain containing 11;CTG B45d

Research Background

Members of the THAP (thanatos-associated protein) family of proteins contain a well conserved DNA-binding domain known as the THAP-type zinc finger motif. Proteins containing the THAP-type zinc finger motif are commonly involved in transcriptional regulation, cell-cycle control, apoptosis and chromatin modification. The THAP-type zinc finger domain is suggested to have similarities with the site-specific DNA-binding domain (DBD) of Drosophila P element transposase. THAP11 (THAP domain containing 11), also known as HRIHFB2206, is a 314 amino acid protein that belongs to the THAP11 family and contains one THAP-type zinc finger. Localizing to the nucleus and cytoplasm, THAP11 may act as a transcriptional repressor, playing a role in embryogenesis and pluripotency of embryonic stem cells by recruiting epigenetic modifiers. THAP11 interacts with HCF1 via a coiled coil domain.

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