Data Sheet (Cat.No.TMAC-03095)

Anti-PCDH9 Antibody (5O723)

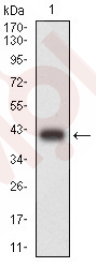
Product Details

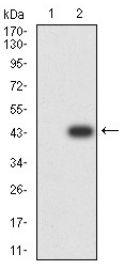
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 136 kDa.
Clone:	5O723
Purification:	ProA affinity purified

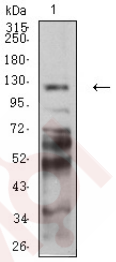
Applications

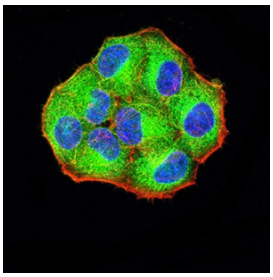
Verified Activity:

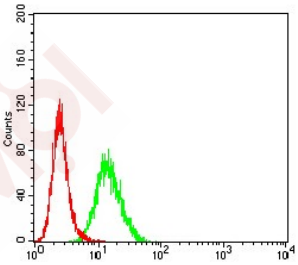
1. Western blot analysis of PCDH9 on human PCDH9 recombinant protein using anti-PCDH9 antibody at 1/1,000 dilution.
2. Western blot analysis of PCDH9 on HEK293 (1) and PCDH9-hIgGFc transfected HEK293 (2) cell lysate using anti-PCDH9 antibody at 1/1,000 dilution.
3. Western blot analysis of PCDH9 on C6 cell lysate using anti-PCDH9 antibody at 1/1,000 dilution.
4. ICC staining PCDH9 (green) and Actin filaments (red) in Hela cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.
5. Flow cytometric analysis of Hela cells with PCDH9 antibody at 1/100 dilution (green) compared with an unlabelled control (cells without incubation with primary antibody; red).











Application: FCM,ICC,WB

Recommended: WB: 1:500-2000; ICC: 1:50-200; 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: Q9HC56

Synonyms: Protocadherin-9;PCDH 9;PCDH9_HUMAN

Research Background

Potential calcium-dependent cell-adhesion protein.This gene encodes a member of the protocadherin family, and cadherin superfamily, of transmembrane proteins containing cadherin domains. These proteins mediate cell adhesion in neural tissues in the presence of calcium. The encoded protein may be involved in signaling at neuronal synaptic junctions. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes multiple cadherin domains and a transmembrane region. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.

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