

Immunotag™ HECAM Polyclonal Antibody

| Antibody Specification | |
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| Catalog No. | ITN2377 |
| Product Description | Immunotag™ HECAM Polyclonal Antibody |
| Size | 50 µg, 100 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | HECAM |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,ELISA |
| Recommended Dilution | WB 1:500-2000 ELISA 1:5000-20000 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse |
| Host Species | Rabbit |
| Immunogen | Synthesized peptide derived from human protein . at AA range: 10-90 |
| Specificity | HECAM Polyclonal Antibody detects endogenous levels of protein. |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen |
| Form | Liquid in PBS containing 50% glycerol, and 0.02% sodium azide. |
| Gene Name | HEPACAM |
| Accession No. | Q14CZ8 Q640R3 |
| Description | hepatic and glial cell adhesion molecule(HEPACAM) Homo sapiens The protein encoded by this gene is a single-pass type I membrane protein that localizes to the cytoplasmic side of the cell membrane. The encoded protein acts as a homodimer and is involved in cell motility and cell-matrix interactions. The expression of this gene is downregulated or undetectable in many cancer cell lines, so this may be a tumor suppressor gene. [provided by RefSeq, Jul 2011], |

Antibody Specification

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| Protein Expression | Brain,Fetal brain,Hypothalamus,Liver, |
| Subcellular Localization | cytoplasm,cell-cell junction,integral component of membrane,axon, |
| Protein Function | <p>caution:Product of a dubious CDS prediction. Encoded by the 3'-UTR of HEPACAM.,domain:The cytoplasmic domain plays an important role in regulation of cell-matrix adhesion and cell motility.,function:Involved in regulating cell motility and cell-matrix interactions. May inhibit cell growth through suppression of cell proliferation.,induction:Down-regulated in 20 out of 23 of hepatocellular carcinoma (HCC) samples and is undetectable in 5 HCC cell lines tested.,PTM:N-glycosylated.,similarity:Contains 1 Ig-like C2-type (immunoglobulin-like) domain.,similarity:Contains 1 Ig-like V-type (immunoglobulin-like) domain.,subcellular location:In MCF7 breast carcinoma and hepatic Hep3B and HepG2 cell lines, localization of HEPACAM is cell density-dependent. In well spread cells, localized to punctate structures in the perinuclear membrane, cytoplasm, and at cell surface of protusions. In confluent cells, localized predominantly to the cytoplasmic membrane, particularly in areas of cell-cell contacts. Colocalizes with CDH1.,subunit:Homodimer. Dimer formation occurs predominantly through cis interactions on the cell surface.,tissue specificity:Expressed in liver. Expression is either downregulated or lost in hepatocellular carcinomas (HCC).,</p> |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |