



CD9 Antibody

E80804-2

- Product Type:** Rabbit Polyclonal IgG, primary antibodies
- Catalog Number:** E80804-2
- Amount:** 100ul 0.5mg/ml
- Positive control:** HepG2
- Project ID:** R080410
- Molecular Wt.:** ~43kDa
- Cellular Localization:** Cell Membrane
- Form of Antibody:** Liquid
- Storage Buffer:** 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol. Preservative: 0.05% Sodium Azide.
- Description:** CD9 antigen is a glycoprotein expressed on the surface of developing B lymphocytes, platelets, monocytes, eosinophils, basophil, stimulated T lymphocytes and by neurons and glial cells in the peripheral nervous system. Protein exists in three forms, and is known to carry covalently linked fatty acids. It is involved in platelet activation, aggregation, in cell adhesion, cell motility and tumor metastasis. It regulates paranodal junction formation, and is also required for gamete fusion.
- Storage/Stability:** Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
- Purity:** Affinity purified
- Recommended Dilutions:** WB: 1:500-1:1,000 ICC: 1:100
- Specificity/Sensitivity:** This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to a region of N-terminal residues of CD9.
- Reactivity:** Mouse,Rat,Human
- Applications:** WB,ICC,FC
- Swiss-Prot No. :** SwissProt **P21926**
- References:**
1. [Higashihara M., Takahata K., Yatomi Y., Nakahara K., Kurokawa K.](#); "Purification and partial characterization of CD9 antigen of human platelets."; FEBS Lett. 264:270-274(1990).
 2. [Ikeyama S., Koyama M., Yamaoko M., Sasada R., Miyake M.](#); "Suppression of cell motility and metastasis by transfection with human motility-related protein (MRP-1/CD9) DNA."; J. Exp. Med. 177:1231-1237(1993).
 3. [Rubinstein E., Benoit P., Billard M., Plaisance S., Prenant M., Uzan G., Boucheix C.](#); "Organization of the human CD9 gene."; [Genomics 16:132-138\(1993\)](#).

For Research Use Only

75kDa

50kDa

37kDa

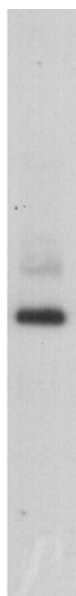


Fig: Western blot analysis on

HepG2 cell lysates using anti-CD9 polyclonal antibody