

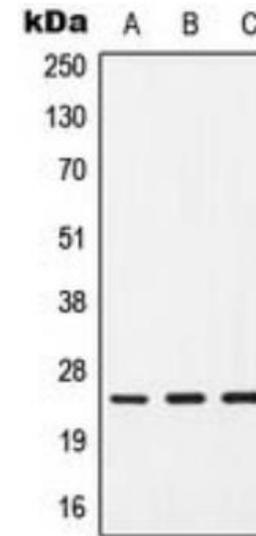
# CD9 Antibody

<b>ALTERNATE NAMES:</b>	MIC3; TSPAN29; CD9 antigen; 5H9 antigen; Cell growth-inhibiting gene 2 protein; Leukocyte antigen MIC3; Motility-related protein; MRP-1; Tetraspanin-29; Tspan-29; p24; CD9
<b>CATALOG #:</b>	6938-50
<b>AMOUNT:</b>	50 µl
<b>HOST/ISOTYPE:</b>	Rabbit
<b>IMMUNOGEN:</b>	This CD9 antibody is generated from KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD9. The exact sequence is proprietary.
<b>INTERNAL ID:</b>	DM-07
<b>MOLECULAR WEIGHT:</b>	~24.00 kDa
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	1 mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
<b>PURIFICATION:</b>	This antibody is purified by immunogen affinity chromatography.
<b>SPECIES REACTIVITY:</b>	Human, Mouse, Rat, Bovine, Sheep.
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

**DESCRIPTION:** CD9 is a type IV transmembrane glycoprotein with four transmembrane domains. CD9 on pre-B cells may play a role in cell-cell adhesion. In addition, CD9 may play a role in signal transduction mediated by interaction with low molecular weight GTP-binding proteins. CD9 is expressed on early B cells, eosinophils, basophils and activated T cells and is a major component of the platelet cell surface. It is also expressed on most non-T acute lymphoblastic leukemia cells and on some acute myeloid and chronic lymphoid leukemias.

**APPLICATION:** WB: 1:500 - 1:1000.

**Note:** This information is only intended as a guide. The optimal dilutions must be determined by the user.



Western blot analysis of CD9 expression in HepG2 (A), SP20 (B), H9C2 (C) whole cell lysates.

## RELATED PRODUCTS:

- CD1E, human recombinant (Cat # 7308-100)
- CD1e Antibody (Cat # 6935-50)
- CD3d Antibody (Cat # 6936-50)
- CD4 Antibody (Cat # 6937-50)
- CD58 Antibody (Cat # 6939-50)

**FOR RESEARCH USE ONLY! Not to be used on humans.**