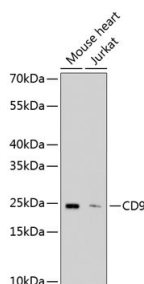


**Cat. No:** AB-83880  
**Size:** 100 ug  
**Clone:** POLY  
**Concentration:** 1mg/ml  
**Host:** Rb  
**Isotype:** IgG  
**Immunogen:** Recombinant protein of Human CD9  
**Reactivity:** Hu, Ms, Rt  
**Applications:** Western Blot : 1:1000  
 Immunohistochemistry: 1:50 - 1:100  
 Immunofluorescence: 1:50 - 1:100  
 Immunoprecipitation: 1:20 - 1:50

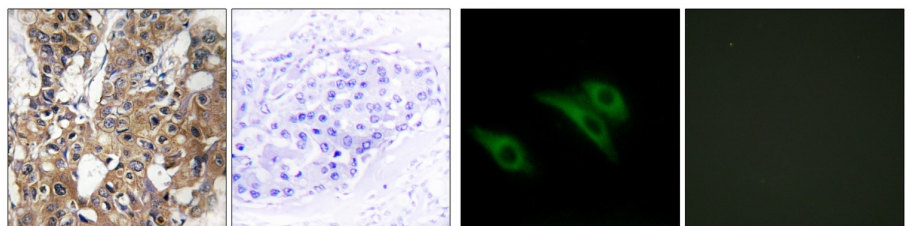
**Molecular Weight:** 25kDa  
**Purification:** Aff. Pur.  
**Synonyms:** CD9; BTCC-1; DRAP-27; MIC3; MRP-1; TSPAN-29; TSPAN29; CD9 antigen

**Background:** This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis.

**Form:** Liquid  
**Buffer:** PBS with 0.02% sodium azide, 50% glycerol, pH7.3  
**Storage:** At +4°C for short term. At -20°C for longer term. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell line, using CD9 antibody at a dilution of 1:1000.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10,000 dilution.  
 Lysates/proteins: 25ug per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using CD9 antibody. The picture on the right is blocked with the synthesized peptide.

Immunofluorescence analysis of HeLa cells using CD9 antibody. The picture on the right is blocked with the synthesized peptide.

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