

Recombinant

DGRmAb®

## CD9 (DGR31716) Rabbit mAb

db13655

Package : 10µL 20µL 50µL 100µL

**Product Name :** CD9 (DGR31716) Rabbit mAb**Cat.No.:** db13655**Synonyms :** MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29**Application :** WB, IHC-P, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**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. [provided by RefSeq, Jan 2011]

**Immunogen**

Recombinant protein of human CD9

**Gene ID**

928

**Swiss Prot**

P21926

**Synonyms**

MIC3; MRP-1; BTCC-1; DRAP-27; TSPAN29; TSPAN-29

**Reactivity**

Human

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100

ICC/IF: 1:200-1:500

FC: 1:50

IP: 1:20-1:50

**Calculated MW**

25 kDa

**Observed MW**

22 kDa

**Host species**

Rabbit

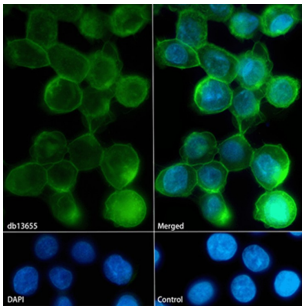
**Clonality**

Monoclonal

**Clonality No.**

DGR31716

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescence analysis of A431 cells labelling CD9 with db13655.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db13655 (1:200) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.