SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0355-100	300 µg

Anti-CD9

Source: Goat

General description: CD9 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. This protein functions in many cellular processes including differentiation, adhesion, and signal transduction, playing a critical role in the suppression of cancer cell motility and metastasis.

Alternative names: 5H9 Antigen, BA2, BA-2/P24 Antigen 3, BTCC-1, Cell Growth-Inhibiting Gene 2 Protein, CD9 antigen, CD9 Molecule, DRAP-27, Leukocyte Antigen MIC3, MIC3, Motility Related Protein-1, Motility-Related Protein 4, MRP-1, P24, Tetraspanin-29, TSPAN29 antibody.

Form: Polyclonal antibody supplied as a 100 µl (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Purified recombinant peptide derived from within residues 115 aa to 195 aa of human CD9 produced in E. coli.

Specificity: Reacts with CD9 detected by Western blot using the following human (Jurkat, MCF7, HeLa, HEK-293), mouse (NIH3T3) whole cell lysates.

Reactivity: Reacts with Human, Rat, Mouse, Monkey and Canine proteins

Sample	WB	IHC (F)	IHC (P)	IF	ELISA
Human	+++	ND	ND	ND	ND
Rat	+++	ND	ND	ND	ND
Mouse	+++	ND	ND	ND	ND
Canine	+++	ND	ND	ND	ND
Monkey	+++	ND	ND	ND	ND

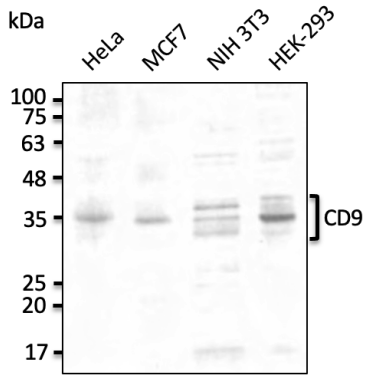
+++ excellent, ++ good, + poor, ND not determined

Usage:

WB: 1:500-1:2,000

Storage: Store at -20 C for long-term storage. Store at 2-8 C for up to one month.

Special instructions: Avoid freeze/thaw cycles..



Anti-CD9 Ab at 1/1,000 dilution; lanes with 50 µg of total lysates; chicken polyclonal to goat IgG conjugated to HRP (AB1125) at 1/10,000 dilution;

For research use only, not for diagnostic use

SICGEN's Proprietary Immunogen Policy

In order to produce high specific antibodies SICGEN has invested a lot of time and effort into selecting immunogen sequences. SICGEN has decided to protect this information by not publishing it on the website. However, these sequences are available on request.