SICGEN ANTIBODIES

Product Data Sheet

Catalogue No.	Qty:
AB0361-100	300 µg

Anti-CD81

Source: Goat

General description: CD81 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. This protein is a cell surface glycoprotein, known to complex with integrins and appears to promote muscle cell fusion and support myotube maintenance, acting as platform for receptor clustering and signalling motility.

Alternative names: CD81 antigen, CVID6, S5.7, TAPA1, Tetraspanin-28, TSPAN28 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 205 aa of human CD81 produced in E. coli.

Specificity: Reacts with CD81 detected by Western blot using the following human (Jurkat and MCF7), mouse NIH3T3 whole cell lysates.

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

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

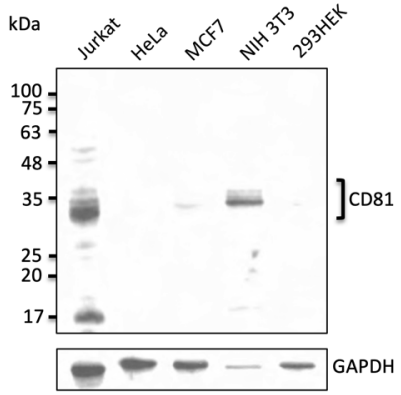
+++ excellent, ++ good, + poor, ND not determined

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-CD81 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.