



Product Data Sheet

001 Rev1 Jan 2012 by JR

Catalogue No. AB252253-100

Qty: 200 µg (2 mg/ml)

Vimentin Polyclonal Antibody

Source: Goat

General description: Goat polyclonal antibody to Vimentin. VIM is a member of the intermediate filament family. The cytoskeleton is made by these intermediate filaments, along with actin microfilaments and microtubules. VIM is responsible for integrity of the cytoplasm, stabilization of the cytoskeletal interactions and maintaining cell shape. This protein controls the transport of LDL-derived cholesterol from a lysosome to the site of esterification and is also involved in the immune response. It functions as an organizer of a number of critical proteins involved in migration, attachment and cell signaling.

Alternative names: CTRCT30, Epididymis luminal protein 113, FLJ36605, HEL113, VIM antibody.

Form: Polyclonal antibody supplied as a 100 µl (2 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide. This antibody is epitope-affinity purified from goat antiserum.

Immunogen: Recombinant peptide derived from within residues 390 aa to the C-terminus of human VIM produced in *E. coli*.

Specificity: Detects endogenous levels of VIM by Western blot.

Reactivity: Reacts against human, rat, mouse, canine and monkey proteins.

Sample	Western blot	Immuno-fluorescence	Histochemistry (paraffin)	Histochemistry (frozen)
human	+++	ND	ND	ND
rat	+++	ND	ND	ND
mouse	+++	ND	ND	ND
canine	+++	ND	ND	ND
monkey	+++	ND	ND	ND

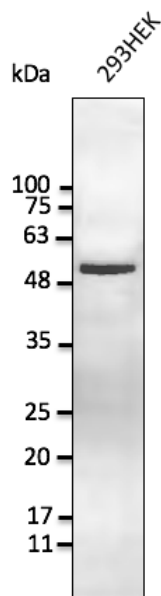
+++ excellent, ++ good, + poor, ND not determined

Usage: Western blot 1:500-1:5,000
Immunofluorescence ND
Immunohistochemistry (paraffin) ND
Immunohistochemistry (frozen) ND

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.

References:



Anti-VIM Ab at 1/2,500 dilution;
lysates at 50 µg per lane; rabbit
polyclonal to goat IgG (HRP) 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.