

Product datasheet for TA386384

OriGene Technologies, Inc.

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VCAM1 Mouse Monoclonal Antibody [Clone ID: B-K9 (C106-K9)]

Product data:

Product Type: Primary Antibodies

Clone Name: B-K9 (C106-K9)

Applications: Bl, FC

Reactivity: Human

Host: Mouse

Isotype: IgG1, kappa
Clonality: Monoclonal

Immunogen: This antibody was raised by immunizing Balb/c mice against activated human umbilical vein

endothelial cells (HUVEC).

Specificity: B-K9 antibody recognizes CD106 (VCAM1). CD106 is a member of the Ig superfamily. It is a cell

surface sialoglycoprotein expressed by cytokine-activated endothelium. This type I

membrane protein mediates leukocyte-endothelial cell adhesion and signal transduction, and

may play a role in the development of artherosclerosis and rheumatoid arthritis.

B-K9 antibody inhibits the binding of leukocytes to VCAM-1 on stimulated endothelial cells, and thus it blocks the ability of white blood cells to attach themselves to the activated epithelium during, for instance, inflammation. Consequently, this antibody might be used in research where leukocytes adhesion-blocking is required (Uotila et al., 2014; Wagner et al.

2011).

Formulation: PBS with 0.02% Proclin 300.

Concentration: lot specific

Conjugation: Unconjugated

Storage: Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid

freeze and thaw cycles.

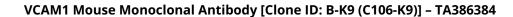
Stability: 3 years from dispatch.

Gene Name: vascular cell adhesion molecule 1

Database Link: Entrez Gene 7412 Human

P19320







Synonyms:

CD106; DKFZp779G2333; INCAM-100; L1CAM; MGC99561