

IHC*easy* VCAM-1 Ready-To-Use IHC Kit

Catalog Number: **KHC0106**

General Information

Sample type:
FFPE tissue
Cited sample type:
Reactivity:
Human
Cited Reactivity:

Assay type:
Immunohistochemistry
Primary antibody type:
Mouse Monoclonal
Secondary antibody type:
Polymer-HRP-Goat anti-Mouse

Kit Component

Component	Size	Concentration
Antigen Retrieval Buffer	100 mL	50×
Washing Buffer	100 mL ×2	20×
Blocking Buffer	5 mL	RTU
Primary Antibody	5 mL	RTU
Secondary Antibody	5 mL	RTU
Chromogen Component A	0.2 mL	RTU
Chromogen Component B	4 mL	RTU
Signal Enhancer	5 mL	RTU
Counter Staining Reagent	5 mL	RTU
Mounting Media	5 mL	RTU
Control Slide	1 slide (Optional)	FFPE
Datasheet	1 Copy	
Manual	1 Copy	

Storage Instructions

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

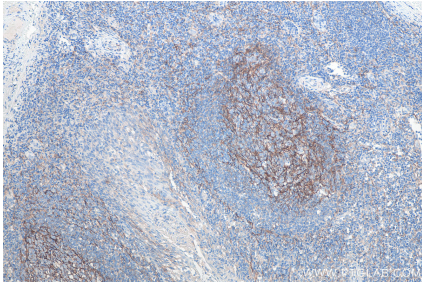
Background

Vascular cell adhesion molecule 1 (VCAM1), also known as CD106, is a 110-kDa transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. VCAM1 is expressed by cytokine-activated endothelium, interacts with integrin VLA4 ($\alpha 4 \beta 1$) present on the surface of leukocytes, and mediates both adhesion and signal transduction. It is also expressed either constitutively or inducibly in a variety of other cell types, including vascular smooth muscle cells, differentiating skeletal muscle cells, renal and neural epithelial cells, macrophages (Kupffer cells), dendritic cells, and bone marrow stromal cells.

Synonyms

CD106, INCAM 100, V CAM 1, VCAM 1, VCAM1, VCAM-1

Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using KHC0106 (VCAM-1 IHC Kit).