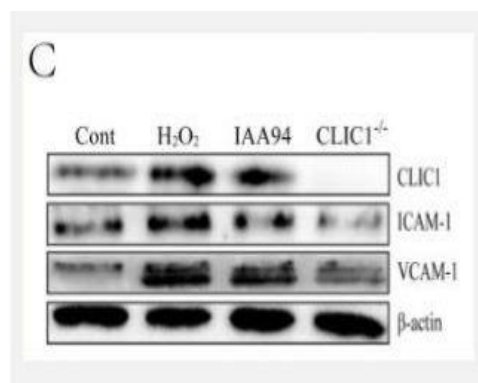


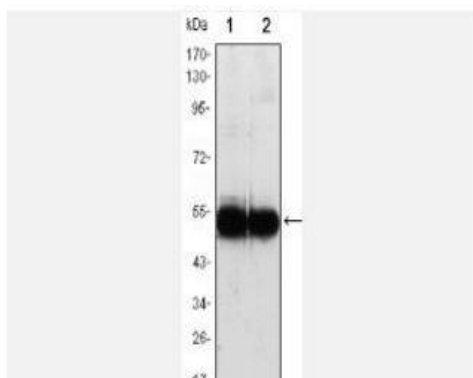
## VCAM-1 Monoclonal Antibody

|                                |   |
|--------------------------------|---|
| <b>Catalog No.</b>             | IMB0047   |
| <b>Reactivity</b>              | Human   |
| <b>Applications</b>            | WB; IHC-p; ELISA  |
| <b>Gene Name</b>               | VCAM1   |
| <b>Protein Name</b>            | Vascular cell adhesion protein 1  |
| <b>Human Gene Id</b>           | 7412  |
| <b>Swiss-Prot</b>              | P19320  |
| <b>Formulation</b>             | Ascitic fluid containing 0.03% sodium azide, 0.5% BSA, 50% glycerol.  |
| <b>Source</b>                  | Monoclonal, Mouse   |
| <b>Dilution</b>                | WB: 1:500-1:2000 IHC: 1:200-1:1000 ELISA: 1:10000   |
| <b>Purification</b>            | Affinity purification   |
| <b>Concentration</b>           | -   |
| <b>Storage &amp; Stability</b> | -20°C/1 year  |
| <b>Background</b>              | This gene is a member of the Ig superfamily and encodes 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 atherosclerosis and rheumatoid arthritis. Three alternatively spliced transcripts encoding different isoforms have been described for this gene. |
| <b>Subcellular Location.</b>   | Membrane; Single-pass type I membrane protein.  |
| <b>Biological MW</b>           | -   |

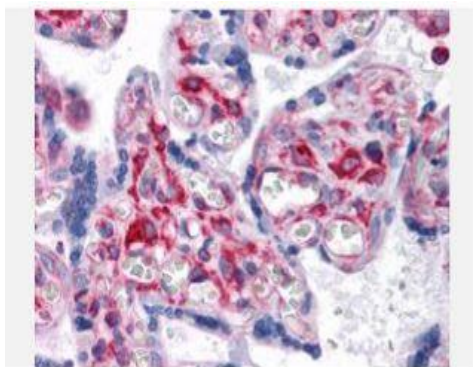
### Products Images:



Xu, Yingling, et al. "CLIC1 inhibition attenuates vascular inflammation, oxidative stress, and endothelial injury." *PLoS one* 11.11 (2016): e0166790.



Western Blot analysis using VCAM-1 Monoclonal Antibody against HUVEC (1) and EC (2) cell lysate.



Immunohistochemistry analysis of paraffin-embedded human Placenta tissues with AEC staining using VCAM-1 Monoclonal Antibody.