

DESCRIPTION

Species Reactivity	Human
Specificity	Detects recombinant human VCAM-1 in direct ELISAs and Western blots.
Source	Monoclonal Mouse IgG ₁ Clone # HAE-2Z
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Human VCAM-1
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Human VCAM-1/CD106 Sandwich Immunoassay		Reagent
ELISA Capture	2-8 µg/mL	Human VCAM-1/CD106 Antibody (Catalog # MAB809)
ELISA Detection	0.1-0.4 µg/mL	Human VCAM-1/CD106 Biotinylated Antibody (Catalog # BAF809)
Standard		Recombinant Human VCAM-1/CD106 (Catalog # 809-VR)

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Vascular cell adhesion molecule (VCAM-1) is expressed on the surface of activated endothelial cells and macrophages. It binds to leukocyte integrins VLA-4 and α4β7 to promote leukocyte adhesion at sites of inflamed vasculature.