

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Anti-Human-ICAM-1

Purified Antibody	Product Number	RHF717	0.1 mg
Biotin Conjugate	Product Number	RHF717B	50.0 ug

SPECIFICITY:

Rabbit polyclonal antibody specific for Human ICAM-1 (CD54). These polyclonal antibodies were raised against highly purified recombinant human ICAM-1 immunogen.

SOURCE: **Rabbit** antiserum, Purified by Antigen-Affinity Chromatography, to produce highly specific, high titre preparation.

RESEARCH APPLICATIONS:

NEUTRALIZING ACTIVITY: Antibody concentration of 8.0 -9.0 ug/mL achieved half-maximal inhibition of 10.0 ng/mL human ICAM-1.

ELISA: Antibody concentration of approx. 1.0 ug/mL (100 uL per well) was used to detect 0.4 ng/well recombinant human ICAM-1. For **Biotin conjugate**, use at 0.2 - 0.5 ug/mL (optimize all concentrations).

IHC: Staining of paraffin-embedded (formalin fixation) human breast tissue achieved using: Antigen retrieval (Proteinase-K); Antibody concentration of 0.25 ug/mL - incubated overnight @ 4 Deg. C. using HRP (DAB) detection system.

WESTERN BLOT: Antibody concentration of 0.2 ug/mL used to detect 2.0 ng /lane of recombinant ICAM-1 under both reducing and non-reducing conditions.

HANDLING AND STORAGE:

Lyophilized, purified antibody upon reconstitution with 0.5 ml of distilled (or sterile) water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4.

****Biotin conjugate, (Provided as 0.5 mL liquid, or Lyophilized)**
For lyophilized vial: reconstitute in 500 uL sterile water containing 0.1% BSA.
For 0.5 mL liquid- store refrigerated.

Further dilute in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, reagents should be stored frozen at -20° C, in small aliquots, at high concentration.

RESEARCH USE ONLY NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.

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