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Product Datasheet

Anti-Human ICAM-1 Antibody, Rabbit, Polyclonal ABT-ABG10159-U100

Article Name	Anti-Human ICAM-1 Antibody, Rabbit, Polyclonal
Biozol Catalog Number	ABT-ABG10159-U100
Supplier Catalog Number	ABG10159-U100
Alternative Catalog Number	ABT-ABG10159-U100-100UG
Manufacturer	Abcepta
Host	Rabbit
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Polyclonal
Purity	Produced from sera of rabbits immunized with highly pure recombinant Human ICAM-1. Anti-Human ICAM-1 specific antibody was purified by affinity chromatography employing an immobilized Human ICAM-1 matrix.
Form	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
Antibody Type	Polyclonal Antibody

Application Notes

WesternBlot: To detect Human ICAM-1 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Human ICAM-1 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.. **Sandwich:** To detect Human ICAM-1 by sandwich ELISA (using 100µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems Biotinylated Anti-Human ICAM-1 (60-180BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human ICAM-1.. **Immunohistochemistry:** This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal adenocarcinoma (moderately differentiated). The recommended concentration is 0.25 mg/ml with an overnight incubation at 4C. An HRP-labeled polymer detection system was used with a DAB chromogen and a proteinase K antigen retrieval. Optimal concentrations and conditions may vary.. **Neutralization:** To yield one-half maximal inhibition [ND50] of the biological activity of Human ICAM-1 (10 ng/ml), a concentration of 8.0 µ/ml of this antibody is required.. **Reconstitution:** Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.