

Monoclonal Antibody to CD165 - FITC

Alternate names:	AD2, gp37
Catalog No.:	AM01052FC-N
Quantity:	0.1 mg
Concentration:	0.1mg/ml
Background:	CD165 is an adhesion molecule which is expressed by a subset of peripheral blood T lymphocytes and immature thymocytes.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	SM10F (for use in human samples)
Clone:	AD2-13H12
Immunogen:	HSB cells.
Format:	State: Liquid purified Ig Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: Use 10 ul of neat antibody to label 10e6 cells in 100 ul. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the 36 kD membrane glycoprotein CD165 (also known as AD2). Species: Human. Other species not tested.
Add. Information:	Clone AD2-13H12 has been shown to inhibit the binding of HSB T-cells to IFN gamma treated epidermal keratinocytes when used in combination with CD2 or CD58 antibodies.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.
General Readings:	1. Bruggers CS, Patel DD, Scarce RM, Whichard LP, Haynes BF, Singer KH. AD2, a human molecule involved in the interaction of T cells with epidermal keratinocytes and thymic epithelial cells. J Immunol. 1995 Mar 1;154(5):2012-22. PubMed PMID: 7868879.