

Monoclonal Antibody to CD6 - Purified

Alternate names:	T-cell differentiation antigen CD6, T12, TP120
Catalog No.:	AM05698PU-N
Quantity:	0.25 mg
Concentration:	1.0 mg/ml
Background:	CD6 is a type I membrane protein expressed by thymocytes, mature T cells, a subset of B cells known as B1 cells, and some cells in the brain. CD6 is a member of the scavenger receptor cysteine rich (SRCR) family of proteins, which includes the leukocyte antigen CD5. The extracellular domain of CD6 is composed of three SRCR domains and has the same domain organization as CD5. The ligand for CD6 is CD166 also known as activated leukocyte cell adhesion molecule. Through its interaction with CD166 in the thymus, CD6 may have a role in T cell development.
Uniprot ID:	Q9BH12
NCBI:	9913
Host / Isotype:	Mouse / IgG2b
Recommended Isotype Controls:	SM12P, AM03110PU-N
Clone:	CC38
Format:	State: Liquid purified IgG Purification: Affinity chromatography on Protein G Buffer System: Phosphate buffered saline pH7.4 containing 0.09% Sodium Azide
Applications:	Immunohistochemistry on frozen sections. Immunoprecipitation. Flow Cytometry: 1/100 - 1/200. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the homologue of the Human CD6 antigen expressed on thymocytes and T and B cell subsets. CC38 immunoprecipitates a 110 kD molecule under reducing conditions. Species: Bovine. Other species not tested.
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. Shelf life: one year from despatch.
Caution:	(A full Health and Safety assessment is available upon request) This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by

trained staff only.

General Readings: 1. Letesson, J.J. et al. (1991) Individual antigens of cattle. Bovine CD6 (BoCD6). Vet. Immunol. Immunopathol. 27: 61 - 64.