



20150116ML

Anti-Human CD6 (#3C26)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M312
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD6 extracellular domain.

Target Background

Synonyms (Target):	CD6; TP120
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CD6 is a member of the group B scavenger receptor cysteine-rich (SRCR) superfamily. CD6 is expressed at low levels on immature thymocytes and at high levels on mature thymocytes, the majority of peripheral blood T cells, a subset of B cells, and a subset of neuronal cells. The human and mouse extracellular regions share 68% amino acid sequence identity.

Database References Target

Protein RefSeq:	NP_006716.3
Uniprot ID:	P30203
mRNA RefSeq:	NM_006725.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3C26)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human CD6 extracellular domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CD6.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:

WB

Recommended usage:

WB: 1:500-1000

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!