

## DATASHEET

# CD2 Rabbit Monoclonal Antibody(C669)

CAT. NO. AMA00281

### KEY FEATURES

Target	CD2	Source / Host	Rabbit
Reactivity	Human	Clonality	Monoclonal
Applications	IHC	Conjugation	Unconjugated
Form / Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.	Storage	at-20°C

### BACKGROUND

CD2 interacts with lymphocyte function-associated antigen CD58 (LFA-3) and CD48/BCM1 to mediate adhesion between T-cells and other cell types. CD2 is implicated in the triggering of T-cells, the cytoplasmic domain is implicated in the signaling function.

### APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:500
-----	---------------

\*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

### PRODUCT OVERVIEW

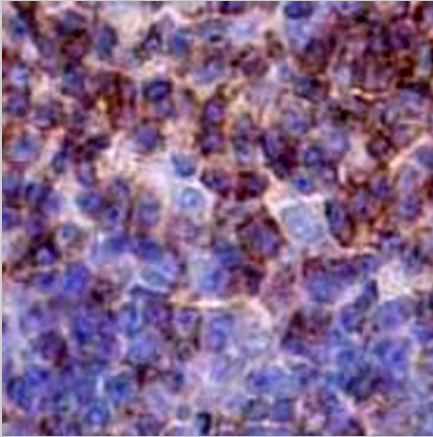
Description	Recombinant rabbit monoclonal antibody to CD2
Specificity	Recognizes endogenous levels of CD2 protein
Antibody Type	Primary antibody, Recombinant
Immunogen	Recombinant fusion protein of human CD2. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Form/Buffer	Liquid in PBS, pH 7.4, containing 50% glycerol, 0.05% BSA and 0.01% sodium azide.
Alternative Names	SRBC; T-cell surface antigen CD2; Erythrocyte receptor; LFA-2; LFA-3 receptor; Rosette receptor; T-cell surface antigen T11/Leu-5; CD2
Gene Symbol	CD2
Entrez Gene	914(Human)
SwissProt	P06729(Human)

\*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact [info@arexbio.com](mailto:info@arexbio.com) or your local distributor.

\*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

**DATASHEET****CD2 Rabbit Monoclonal Antibody(C669)**

CAT. NO. AMA00281

**DATA**

Immunohistochemical analysis of CD2 staining in human thymus formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

**STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

**NOTE**

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.