CD2 Monoclonal Antibody

catalog number: **E-AB-22097**

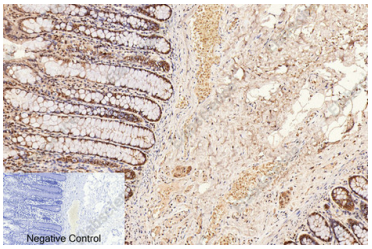
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

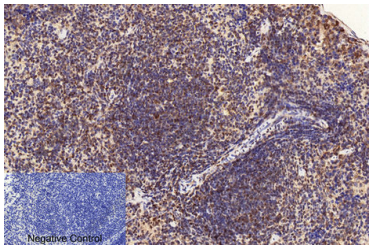
Reactivity	Human;Mouse;Rat
Immunogen	Synthetic Peptide
Host	Mouse
Isotype	Mouse IgG
Clone	4C3
Purification	Protein A purification
Buffer	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol.

Applications	Recommended Dilution
IHC	1:50-200

Data



Immunohistochemistry of paraffin-embedded Human colon tissue using CD2 Monoclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Mouse spleen tissue using CD2 Monoclonal Antibody at dilution of 1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.CD2 (CD2 Molecule) is a Protein Coding gene. Diseases associated with CD2 include Penis Squamous Cell Carcinoma and Immune Defect Due To Absence Of Thymus. Among its related pathways are PEDF Induced Signaling and TGF-Beta Pathway. GO annotations related to this gene include protein homodimerization activity and receptor activity.

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