

## Mouse Anti Bovine CD2 Monoclonal Antibody

DMABT-47964MB Mouse(CD2)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti Bovine CD2
<b>Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Species</b>	Bovine
<b>Cross Reactivity</b>	Caprine.N.B. Antibody reactivity and working conditions may vary between species.
<b>Clone</b>	DD53
<b>Conjugation</b>	N/A
<b>Applications</b>	IHC, ELISA, FCM, IP, WB
<b>Dilution</b>	IHC: 0 - 1/50;FCM: 0 - 1/100

### PACKAGING

<b>Format</b>	Ascitic fluid - liquid
<b>Buffer</b>	Phosphate buffered saline
<b>Storage</b>	Store at +4 °C or at -20 °C if preferred.This product should be stored undiluted.Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Preservative</b>	0.09%Sodium Azide
<b>Shelf Life</b>	18 months from date of despatch.

### BACKGROUND

<b>Introduction</b>	CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells. It is one of the earliest T-cell markers, being present on more than 95% of thymocytes; it is also found on some natural killer cells but not on B lymphocytes. Monoclonal antibodies directed against CD2 inhibit the formation of rosettes with sheep erythrocytes, indicating that CD2 is the erythrocyte receptor or is closely associated with it.
<b>Keywords</b>	T11; SRBC; FLJ46032; CD2; T-cell surface antigen CD2; LFA-2; LFA-3 receptor; Rosette receptor; OTTHUMP00000024366; erythrocyte receptor; lymphocyte-function antigen-2; T-cell surface antigen T11/Leu-5; CD2 antigen (p50), sheep red blood cell receptor

### IMAGES

Staining of bovine peripheral blood lymphocytes with Mouse anti Bovine CD2:FITC

