

## Mouse Anti Sheep CD4 Monoclonal Antibody, RPE

DMABT-45173MS Mouse(Cd4)

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product Overview</b>	Mouse Anti Sheep CD4,RPE
<b>Immunogen</b>	Fetal thymocytes
<b>Host</b>	Mouse
<b>Isotype</b>	IgG2a
<b>Species</b>	Sheep
<b>Clone</b>	55.49
<b>Conjugation</b>	RPE
<b>Applications</b>	FCM,
<b>Dilution</b>	FCM: Neat - 1/5
<b>Reconstitution</b>	Reconstitute with 1 ml distilled water

### PACKAGING

<b>Format</b>	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
<b>Buffer</b>	Phosphate buffered saline
<b>Storage</b>	Prior to reconstitution store at +4 °C. Following reconstitution store at +4 °C.DO NOT FREEZE.This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Preservative</b>	0.09%Sodium Azide1%Bovine Serum Albumin5%Sucrose
<b>Shelf Life</b>	12 months from date of reconstitution.

### BACKGROUND

<b>Introduction</b>	CD4 (cluster of differentiation 4) is a glycoprotein expressed on the surface of T helper cells, regulatory T cells, monocytes, macrophages, and dendritic cells. It was discovered in the late 1970s and was originally known as leu-3 and T4 (after the OKT4 Monoclonal antibody that reacted with it) before being named CD4 in 1984. In humans, the CD4 protein is encoded by the CD4 gene.
<b>Keywords</b>	CD4 (L3T4); CD4 antigen (p55); CD4 Antigen; CD4 molecule; CD4 Receptor; CD4+ Lymphocyte deficiency, included; CD4_HUMAN; L3T4; Leu3; Ly-4; Lymphocyte antigen CD4; MGC165891; OTTHUMP00000238897; p55; T Cell Antigen T4; T cell antigen T4/LEU3; T cell differentiation antigen L3T4; T cell OKT4 deficiency, included; T cell surface antigen T4/Leu 3; T cell surface antigen T4/Leu3; T Cell Surface Glycoprotein CD4; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4; W3/25; W3/25 antigen