

# CD2 / LFA-2 Antibody (OX-34)

Lot Number: **QE2026051**

Product Data Sheet

Tested Species Reactivity	
Rat (Rt)	
Tested Applications	Dilution *
Immunohistochemistry (Frozen) (IHC (F))	Assay Dependent
Immunohistochemistry (Paraffin) (IHC (P))	Assay Dependent
Flow Cytometry (FACS)	Assay Dependent
Immunoprecipitation (IP)	Assay Dependent

\* Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.

Details	
<b>Catalog Number:</b>	MA5-17483
<b>Size:</b>	500 ug
<b>Class:</b>	Monoclonal
<b>Type:</b>	Antibody
<b>Clone:</b>	OX-34
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Immunogen:</b>	T Blasts prepared in mixed lymphocyte reactions with rat T helper cells against irradiated spleen.

Form Information	
<b>Form:</b>	Liquid
<b>Concentration:</b>	1 mg/ml
<b>Purification:</b>	Protein G
<b>Storage Buffer:</b>	PBS
<b>Preservative:</b>	0.02% sodium azide
<b>Storage Conditions:</b>	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

Product Specific Information	General Information
------------------------------	---------------------

MA5-17483 targets CD2/LFA-2 in FACS, IHC (F), IHC (P), and IP applications and shows reactivity with Rat samples.

The MA5-17483 immunogen is t Blasts prepared in mixed lymphocyte reactions with rat T helper cells against irradiated spleen.

*For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.*

CD2 is a surface antigen of the human T-lymphocyte lineage that is expressed on all peripheral blood T cells (summarized by Sewell et al., 1986 [PubMed 3490670]). 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.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization.

Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (I) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (II) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (III) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (IV) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vivo diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.