

ANTIGENIX AMERICA Inc
1-800-558-1008
PRODUCT INFORMATION SUMMARY

ANTI-MOUSE CD205

PRODUCT NUMBER

RM205020	Purified	1.0 mL
RM205035	FITC	50 Tests

ANTIGEN DISTRIBUTION AND SPECIFICITY:

Rat monoclonal antibodies specific for MURINE CD205, also known as DEC-205) a 205 kDa membrane marker found on thymic epithelial and dendritic cells. The CD205 marker is **NOT** found on blood lymphocytes, bone marrow cells, or on peritoneal macrophages. However, a portion of peritoneal macrophages are shown positive in mice previously stimulated with thioglycollate. It is also absent on B cell follicle dendritic cells. CD205 is found on interdigitating cells of T-cell regions (Ia +) in secondary lymphoid organs. Observed to react with Langerhans cells of the skin. Antibody reacts with CD205 on surface of unfixed cells, and cytoplasm of fixed cells.

CLONE:

Anti-Mouse CD205 clone 145, Ig chain : Rat IgG2a purified from culture supernatant by Protein **G**.

HANDLING AND STORAGE:

All reagents supplied as liquid preparations. Purified antibody should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. All reagents in a liquid state should be stored at 2-8° C when not in use. CAUTION: Contains 0.1% sodium azide.

PRODUCT USE:

For flow cytometry use 10 uL per test; For immuno-histochemistry Purified Anti-Mouse CD205 should be diluted, (optimize) approx. 1:20 - 1:50 , using enough reagent to cover the tissue section or cytoprep.

As second antibody, use ANTIGENIX mouse anti-RAT Igs (FITC, or PE or Biotin conjugates (cat. #s MR10035, MR10070, MR10060, respectively).

REFERENCE: Swiggard, W.J., et al; (1995); Cell Immunology 165: 302-311

FOR RESEARCH USE ONLY.