Anti-CD205 [NLDC145] Standard Size Ab00963-2.0

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, Kappa
Clone Number: NLDC145
Alternative Name(s) of Target: Ly-75; NLDC-145; DEC205; DEC-205; Lymphocyte antigen 75; Ly-75
UniProt Accession Number of Target Protein: Q60767
Published Application(s): IB, FC, IF, IHC
Published Species Reactivity: Mouse
Immunogen: This antibody was raised by immunising Wistar rats with mouse lymph node stroma.
Specificity: This antibody is specific for murine DEC-205, a lectin endocytic receptor expressed at high levels by many dendritic cell subsets, where it mediates antigen uptake. The epitope recognised by this antibody is trypsin-sensitive.
Application Notes: This antibody has been used in IHC analysis of acetone-fixed mouse lymph node sections and cytospin preparations (Krall et al, 1986), and immunofluorescence analysis of epidermal sheets (Krall et al, 1986).It has also been used in immunoblot experiments (Inaba et al, 1995) and in FC experiments to identify DEC-205-expressing cell subsets (Inaba et al, 1995; Hawiger et al, 2001).
Antibody First Published in: Kraal et al. Langerhans' cells, veiled cells, and interdigitating cells in the mouse recognized by a monoclonal antibody J Exp Med. 1986 Apr 1; 163(4): 981–997 PMID:3950549
Note on publication: Describes the original generation of this antibody, and characterisation of the dendritic cell subsets to which it binds.

Product Form

Size: 200 µg Purified antibody.
Purification: Protein A affinity purified
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -20ºC.
Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.