

Anti-CD13 [22A5] Bulk Size Ab00858-10.0-BT

Developed in partnership with Ximbio (www.ximbio.com).

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

Isotype and Format: Human IgG1, Kappa

Clone Number: 22A5

Alternative Name(s) of Target: Alanyl Aminopeptidase; Microsomal Aminopeptidase; Aminopeptidase M; Myeloid Plasma Membrane Glycoprotein CD13; GP150; CD13; PEPN; ANPEP; APN;

UniProt Accession Number of Target Protein: P15144

Published Application(s): IP, FC, IHC

Published Species Reactivity: Human

Immunogen: Female BALB/c mice were primed by intraperitoneal immunization with OC-containing cell suspensions from OCL tumors. Supernatants from growth-positive cultures were screened initially for antibody on acetone-fixed OCL tumor imprints using the indirect immunofluorescent techniques.

Specificity: This antibody is specific for CD13, with the same reactivity as MY7 and 15D6 antibodies

Application Notes: This antibody has been used for immunofluorescent staining of CD13 in human T cell lymphoma lines, observed by confocal fluorescence microscopy (Murray 1995). 22A5 may be useful for the diagnosis and immunophenotyping of leukaemia.

Antibody First Published in: Michael A. Morton, Denise Lewis, Katrina McNulty, Jean A. S. Pringle, and Tim J. Chambers Monoclonal Antibodies to Osteoclastomas (Giant Cell Bone Tumors): Definition of Osteoclast-specific Cellular Antigens CANCER RESEARCH 45, 5663-5669, November 1985] [PMID:4053038](#)

Note on publication: Addresses the cellular origin of OCs, arising from a hemopoietic stem cell rather than from conventional blood cells.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer

storage, aliquot and store at -20°C.

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.