



Anti-CD52 monoclonal antibody, clone HI186 [R-PE] (CABT-46449MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Mouse anti Human CD52 antibody, clone HI186 reacts with the human CD52 antigen, also known as CAMPATH-1. The CD52 antigen is a remarkably small peptide that is heavily glycosylated, and attached to the cell surface membrane via a GPI link. The apparent molecular mass of the antigen on SDS-PAGE is 25-29kD. CD52 is expressed at high density by lymphocytes, monocytes, eosinophils, thymocytes and macrophages. It is expressed by most lymphoid derived malignancies, although expression on myeloma cells is variable. Flow Cytometry Use 10ul of the suggested working dilution to label 1 x 10⁶ cells in 100ul

Specificity

CD52

Isotype

IgG2b

Source/Host

Mouse

Species Reactivity

Human

Clone

HI186

Conjugate

PE

Applications

FC

Format

Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised

Size

100 tests

Preservative

0.09% Sodium Azide

Storage

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.

GENE INFORMATION

Gene Name	CD52 CD52 molecule [Homo sapiens (human)]
Official Symbol	CD52
Synonyms	CD52; CD52 molecule; CDW52; CAMPATH-1 antigen; he5; HEL-S-171mP; cambridge pathology 1 antigen; epididymal secretory protein E5; CD52 antigen (CAMPATH-1 antigen); CDW52 antigen (CAMPATH-1 antigen); human epididymis-specific protein 5; epididymis secretory
Entrez Gene ID	1043
Protein Refseq	NP_001794
UniProt ID	P31358
Chromosome Location	1p36