Anti-CD52 (Campath-1H), Human IgG1 Antibody

CATALOG NO: A1105-200
ALTERNATE NAME: CDW52; Cambridge pathology 1 antigen; Epididymal secretory protein E5; Human epididymis-specific protein 5
AMOUNT: 200 µg
ISOTYPE / FORMAT: Human IgG1, kappa
CLONALITY: Monoclonal
CLONE: Campath-1H
SPECIES REACTIVITY: Human
IMMUNOGEN: Pk (V5) Epitope Tag (GKPIPNPLLGLDST)
FORM: Liquid
PURIFICATION: Affinity purified using Protein A
FORMULATION: Supplied in PBS with preservative (0.02% Proclin 300)
STORAGE CONDITIONS: Store at 4°C for upto 3 months. For long term storage, aliquot and freeze at -20°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION: Recombinant monoclonal antibody to CD52. Manufactured using recombinant technology with variable regions (i.e. specificity) from the therapeutic antibody Campath-1H.

BACKGROUND: Human CD52 antigen, also known as CAMPATH-1. 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.

APPLICATION: ELISA; IF; IHC-Fr; IP; RIA; WB

Flow-cytometry using anti-CD52 antibody Campath-1H: Rhesus monkey lymphocytes were stained with an isotype control or the rabbit-chimeric version of Campath-1H at a concentration of 1 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a AF488 conjugated donkey anti-rabbit antibody and cells analysed on a flow-cytometer.

RELATED PRODUCTS:
- Anti-CD20 (Rituximab), Chimeric Antibody (Cat. No. A1049-100)
- Anti-EGFR (Panitumumab), humanized antibody (Cat. No. A1050-100)
- Anti-OX40L (Oxelumab), Human IgG1 Antibody (Cat. No. A1088-200)
- Anti-CD11a (Efalizumab), Human IgG1 Antibody (Cat. No. A1089-200)
- Anti-EGFR (Matuzumab), Human IgG1 Antibody (Cat. No. A1090-200)
- Anti-CD4 (Clenoliximab), Human IgG4 Antibody (Cat. No. A1091-200)
- Anti-TNF alpha (Humicade), Human IgG4 Antibody (Cat. No. A1093-200)
- Anti-CD40L (Ruplizumab), Human IgG1 Antibody (Cat. No. A1094-200)
- Anti-TNF alpha (Infliximab), Human IgG1 Antibody (Cat. No. A1097-200)

FOR RESEARCH USE ONLY! Not to be used on humans.