

Alemtuzumab

Catalog #	Source	Reactivity	Applications
CBA1005	Humanized	Human	Functional Assay

Description Anti-CD52 [Alemtuzumab]

Immunogen

Purification Affinity Chromatography

Specificity

Clonality Monoclonal

Conjugation

Form IgG1, liquid in 10 mmol/L PBS, pH 7.2

Dilution

Gene Symbol CD52

Alternative Names CDW52; HE5; CAMPATH-1 antigen; CDw52; Cambridge pathology 1 antigen; Epididymal secretory protein E5; Human epididymis-specific protein 5; He5; CD52

Entrez Gene 1043

SwissProt P31358

Directions for Use Alemtuzumab biosimilar is a recombinant DNA-derived humanized monoclonal antibody (Campath-1H) directed against the 21-28 kD cell surface glycoprotein, CD52, is an IgG1 kappa antibody with human variable framework and constant regions, and complementarity-determining regions from a murine (rat) monoclonal antibody. The alemtuzumab biosimilar has an approximate molecular weight of 150 kD and is produced in mammalian cell (Chinese hamster ovary) suspension culture in a medium.

Storage/Stability Stored at 2-8°C for at least 4 weeks. Store at -20 °C for 12 months. For long term

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

storage aseptically aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com