

30-1244: Anti-CD52 / CAMPATH-1 Monoclonal Antibody (Clone:HI186)

Clonality :	Monoclonal
Clone Name :	HI186
Application :	FACS, IHC
Reactivity :	Human
Gene :	CD52
Gene ID :	1043
Uniprot ID :	P31358
Format :	Purified
Alternative Name :	CD52,CDW52,HE5
Isotype :	Mouse IgG2b
Immunogen Information :	Human tonsil

Description

CD52 (CAMPATH-1, HE5) is a highly glycosylated GPI-anchored 21-28 kDa glycopeptide which is present at high levels on lymphocytes, macrophages, epithelial cells of male reproductive tract and mature sperm. Its 12-amino acid backbone carries a complex N-linked carbohydrate moiety, which differs between sperm and leukocyte CD52, as well as the GPI anchor does. CD52 can be acquired by sperm cells from seminal plasma, where it is released by epithelial cells. Although CD52 is not an essential T-cell costimulator, its triggering results in activation of normal human T cells. CD52 is a very good target for antibody/complement-mediated cell lysis.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 2 µg/ml
Immunohistochemistry