9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-2220: Anti-CD52 / CAMPATH-1 Monoclonal Antibody (Clone:HI186)-PE Conjugated

Clonality :	Monoclonal
Clone Name :	HI186
Application :	FACS
Reactivity :	Human
Conjugate :	PE
Gene :	CD52
Gene ID :	1043
Uniprot ID :	P31358
Alternative Name :	CD52,CDW52,HE5
Isotype :	Mouse IgG2a
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 beckbone 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 :	100 tests
Storage condition :	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

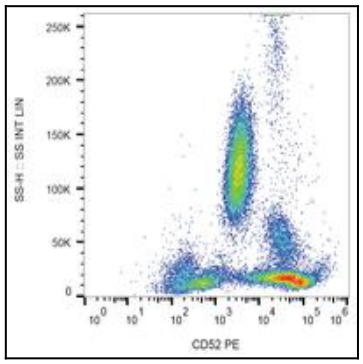


Figure 1: Surface staining of CD52 in human peripheral blood with anti-CD52 (HI186) PE.

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