

30-1355: Anti-Lambda light chains Monoclonal Antibody (Clone:4C2)

Clonality :	Monoclonal
Clone Name :	4C2
Application :	FACS, IHC, IHC-Fr, ELISA
Reactivity :	Human
Gene :	IGLC1
Uniprot ID :	POCG04
Format :	Purified
Alternative Name :	Ig lambda chain C region MGC, Ig lambda-1 chain C region
Isotype :	Mouse IgG1

Description

Immunoglobulin classes share the same basic four polypeptide chain structure of two heavy chains (five heavy chains types) and two light chains (kappa, lambda; both having a molecular weight of 22.5kDa). Kappa and lambda consist of a variable region and a constant region and can easily be differentiated by the antigenic properties of the constant region. The ratio of kappa to lambda is 70:30.

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:* 2-8 $\mu\text{g/ml}$

Positive control: RAMOS human cell line

Immunohistochemistry Immunohistochemistry (frozen sections) ELISA