

## 30-1148: Anti-Kappa light chains Monoclonal Antibody (Clone:MEM-09)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	MEM-09
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	IGKC
<b>Uniprot ID :</b>	P01834
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Ig kappa chain C region, Ig kappa chain C region AG, Ig kappa chain C region CUM
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Crude thymus membrane fraction.

### 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

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

### Application Note

Flow cytometry: Recommended dilution: 1-5 µg/ml.

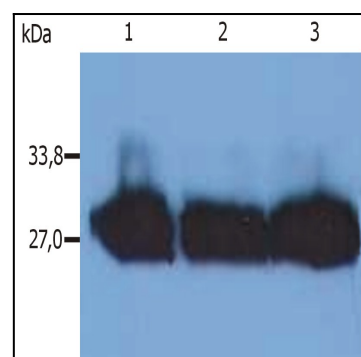


Figure 1: Western Blotting analysis (reducing conditions) of human blood sera using anti-human Immunoglobulin kappa-chain (MEM-09). . Lane 1-3: Human blood serum of different healthy donors