

### 30-1444: Anti-Granzyme B Monoclonal Antibody (Clone:CLB-GB11)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	CLB-GB11
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Gene :</b>	GZMB
<b>Gene ID :</b>	3002
<b>Uniprot ID :</b>	P10144
<b>Format :</b>	Purified
<b>Alternative Name :</b>	GZMB,CGL1,CSPB,CTLA1,GRB
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human NK cell line YT-INDY-derived granzyme B

#### Description

Granzyme B is a serine protease that is expressed in cytoplasmic granules of cytotoxic T lymphocytes and NK cells. Vectorial secretion of perforin and granzymes is responsible for their granule-mediated cytotoxicity. Granzyme B plays a pivotal role in the induction of apoptosis in the target cells by activation of caspases. Moreover, granzyme B was reported to cleave directly alpha-tubulin, leading to perturbation of microtubule networks during the induced cell death.

#### 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.