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30-2737: Anti-Hu Granzyme A Purified

Clonality :	Monoclonal
Clone Name :	CB9
Application :	ICC, FACS, IP
Reactivity :	Human
Gene :	GZMA
Gene ID :	3001
Uniprot ID :	P12544
Format :	Purified
Alternative Name :	Granzyme A HFSP, CTLA3, GrA
Immunogen Information :	Full length human granzyme A

Description

Granzyme A is a serine protease expressed in the cytoplasmic granules of T cells and NK cells. Vectorial secretion of perforin and granzymes is responsible for their granule-mediated cytotoxicity. Similarly to granzyme B, granzyme A acts to destroy the target cells by proteolysis of their particular components. In case of granzyme A the targets are e.g. APEX1 (it destroys its oxidative repair activity), and nucleosome assembly protein SET (it disrupts its nucleosome assembly activity and allows the SET complex to translocate into the nucleus to nick and degrade the DNA).
Specificity :The mouse monoclonal CB9 recognizes granzyme A, a 28 kDa serine protease expressed intracellularly in activated Tc cells and NK cells.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow cytometry: Recommended dilution: 5-10 Ã□Âµg/ml, intracellular staining.