

Product Datasheet

Granzyme B Antibody

Catalog No: CY6795

Reactivity: Human

Isotype: Rabbit IgG

Applications: IHC ICC/IF IP



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Information

UniProt ID: P10144

All Names: Granzyme B; Cathepsin G-like 1; CTSG1; Cytotoxic T-lymphocyte proteinase 2; Lymphocyte protease; Fragmentin-2; Granzyme-2; Human lymphocyte protein; SECT; T-cell serine protease 1-3E; GZMB; CGL1; CSPB; CTLA1, GRB;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 38 kDa

Application

IHC 1:50~1:200

ICC/IF 1:50~1:200

IP 1:50

Background

This enzyme is necessary for target cell lysis in cell-mediated immune responses. It cleaves after Asp. Seems to be linked to an activation cascade of caspases (aspartate-specific cysteine proteases) responsible for apoptosis execution. Cleaves caspase-3, -7, -9 and 10 to give rise to active enzymes mediating apoptosis.

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