

# Immunotag™ Granzyme B Antibody

Antibody Specification	
Catalog No.	ITA0113
Product Description	Immunotag™ Granzyme B Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Granzyme B
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB: 1:500~1:3000 IHC: 1:50~1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human Granzyme B
Specificity	Granzyme B antibody detects endogenous levels of total Granzyme B
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	GZMB
Accession No.	P10144/P20718

## Antibody Specification

Alternate Names	C11; Cathepsin G like 1; Cathepsin G-like 1; CCPI; CGL 1; CGL1; CSP B; CSPB; CTLA-1; CTLA1; CTSSL1; Cytotoxic serine protease B; Cytotoxic T lymphocyte associated serine esterase 1; Cytotoxic T lymphocyte proteinase 2; Cytotoxic T-lymphocyte proteinase 2; Fragmentin 2; Fragmentin-2; GRAB_HUMAN; Granzyme 2; Granzyme B (granzyme 2, cytotoxic T lymphocyte associated serine esterase 1); Granzyme B; Granzyme-2; GranzymeB; GRB; Gzmb; Hlp; Human lymphocyte protein; Lymphocyte protease; Protease, serine, B; SECT; T cell serine protease 1-3E; T-cell serine protease 1-3E; Cathepsin G like 2; Cathepsin G-like 2; CCP X; CCP-X; CGL 2; CGL2; CSP C; CSP-C; CTLA1; CTSSL2; Cytotoxic serine protease C; Cytotoxic T lymphocyte associated serine esterase 1; Cytotoxic T lymphocyte proteinase; Cytotoxic T-lymphocyte proteinase; EC 3.4.21.-; GRAH_HUMAN; Granzyme H (cathepsin G-like 2, protein h-CCPX); Granzyme H; GZMH; Protein h CCPX;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	28kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.