

## Product datasheet for **TA355302**

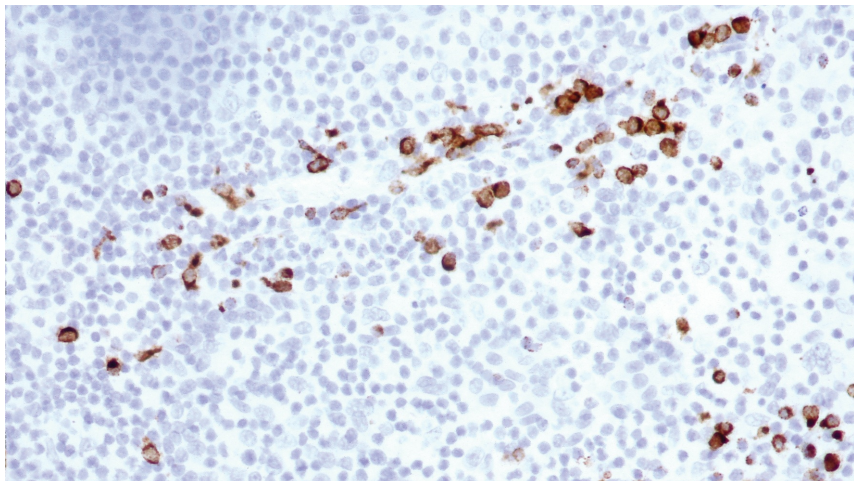
### Granzyme B (GZMB) Mouse Monoclonal Antibody [Clone ID: 11F1]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	11F1
Applications:	IHC
Recommended Dilution:	1:80
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant prokaryotic fusion protein corresponding to the N-terminus of the mature granzyme B molecule
Specificity:	Human granzyme B
Formulation:	Liquid tissue culture supernatant containing sodium azide as a preservative
Conjugation:	Unconjugated
Storage:	Store at 2-8°C
Stability:	12 months
Gene Name:	granzyme B
Database Link:	<a href="#">Entrez Gene 3002 Human P10144</a>
Background:	Granzymes are neutral serine proteases which are stored in specialized lytic granules of cytotoxic T lymphocytes (CTL) and in natural killer (NK) cells. These CTL and NK cells are heavily involved in the elimination of neoplastic and virally infected cells. Secretory granules containing perforin and granzymes are instrumental in undertaking cytolytic activity. Granzyme B is understood to enter a target cell through a perforin pore-formed channel to induce DNA fragmentation and apoptosis. Granzyme B has also been described in neoplastic CTL and NK cells.
Synonyms:	C11; CCPI; CGL-1; CGL1; CSP-B; CSPB; CTLA-1; CTLA1; CTSLG1; Fragmentin-2; Granzyme-2; GRB; HLP; SECT



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**Product images:**

Human tonsil: immunohistochemical staining for Granzyme B: clone 11F1