

## Granzyme B (E5V2L) Rabbit mAb



877-616-CELL (2355) orders@cellsignal.com Orders:

877-678-TECH (8324) Support:

info@cellsignal.com cellsignal.com Web:

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

## For Research Use Only. Not for Use in Diagnostic Procedures.

<b>Applications:</b> V, IHC-Bond, IHC-P, FC-FP	<b>Reactivity:</b> M	<b>Sensitivity:</b> Endogenous	<b>MW (kDa):</b> 30	<b>Source/Isotype:</b> Rabbit IgG	UniProt ID: #P04187	Entrez-Gene Id: 14939
Product Usage Information		<b>Application</b> Western Blotting IHC Leica Bond			<b>Dilution</b> 1:1000 1:50 - 1:200	
		Immunohistochemistry (Paraffin) Flow Cytometry (Fixed/Permeabilized)			1:50 - 1:200 1:50 - 1:200	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
		For a carrier-free (BSA and azide) version of this product see product #87791.				
Specificity/Sensitivity		Granzyme B (E5V2L) Rabbit mAb recognizes endogenous levels of total mouse Granzyme B protein. This antibody does not cross-react with human Granzyme B proteins. Non-specific staining was observed in mouse kidney.				
Source / Purification		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Ala197 of mouse Granzyme B protein.				
Background		(NK) cells and are key Granzymes are synth leader sequence. The membrane pore-forn as a result of its caspa	components of imrestized as zymogens by are released by explaining protein. Granzy ase-like ability to cle	es expressed by cytotox nune responses to path and are processed into ocytosis in lysosome-lik me B has the strongest ave substrates at aspart tream caspase substrate	ogens and transfori mature enzymes by e granules containing apoptotic activity of ic acid residues the	med cells (1). y cleavage of a ng perforin, a f all the granzymes
Background References		1. Trapani, J.A. (2001) <i>Genome Biol.</i> 2, REVIEWS 3014. 2. Lord, S.J. et al. (2003) <i>Immunol. Rev.</i> 193, 31-8. 3. Trapani, J.A. and Sutton, V.R. (2003) <i>Curr. Opin. Immunol.</i> 15, 533-43.				
Species Reactivi	ty	Species reactivity is d	etermined by testin	g in at least one approve	ed application (e.g.,	western blot).
Western Blot Buffer		IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.				
Applications Key		<b>W:</b> Western Blotting <b>IHC-Bond:</b> IHC Leica Bond <b>IHC-P:</b> Immunohistochemistry (Paraffin) <b>FC-FP:</b> Flow Cytometry (Fixed/Permeabilized)				
Cross-Reactivity	Key	M: Mouse				
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