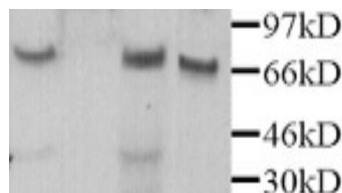


Mpeg1

Rabbit Anti-Rat Macrophage-Expressed Gene 1 Protein, pAb

Catalog No.	CPM700	Quantity:	200 µg
Alternate Names:	Mpg-1, Macrophage gene 1 protein, Perforin-2, P-2		
Description:	Macrophage-expressed gene 1 protein (Mpg-1) was originally cloned from a macrophage cDNA library. Transcripts of Mpg-1 are found at a high level in mature human and mouse macrophages, and at a moderate level in certain myelomonocytic cell lines. Mpg-1-specific transcript was not detected in a wide variety of other tissues and cell lines. The predicted 669-amino acid Mpg-1-encoded protein has potential glycosylation and phosphorylation sites in addition to a signal sequence. The predicted molecular weight of the core protein is 71 to 74 kDa. Mpg-1 may share a distant ancestry to perforin. The function of Mpg-1 is unknown.		
UniProt ID:	Q9WV57		
Gene ID:	64552		
Specificity:	Rat and mouse Mpg-1		
Host:	Rabbit		
Isotype:	IgG		
Immunogen:	<i>E. coli</i> -expressed rat Mpg-1		
Formulation:	Lyophilized with 0.1% sodium azide. PPE is recommended when working with products containing sodium azide.		
Purification:	Protein A affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Add 200 µL sterile distilled water to the vial to fully solubilize the antibody.		
Cross-Reactivity:	Cross reactivity to Mpg-1 of other species has not been determined.		
Application Notes:	Western Blot: suggested dilution 1:2000. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Store at 2-8°C for short term or in working aliquots at -20°C to -80°C for up to one year. Avoid repeated freeze-thaw cycles.		

Detection of Mpg-1 by Western blot in (1) LPS-stimulated RAW264.7 cell lysate (15 h), (2) blank lane, (3) rat spleen and (4) lysate of rMpg-1 transfected cells.



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