

Mouse Monoclonal Antibody to IL34

Catalogue Number	sAP-0424
Target Molecule	Name: IL34 Aliases: IL-34; C16orf77; MGC34647; IL34 MW: 27.5kDa Entrez Gene ID: 146433
Description	Cytokine that promotes the differentiation and viability of monocytes and macrophages. Stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. Ligand for colony-stimulating factor-1 receptor CSF1R. Tissue specificity: Detected in the sinusoidal epithelium in the red pulp of spleen (at protein level). Predominantly expressed in spleen. Also detected in a range of other tissues including heart, brain, lung, liver, kidney, thymus, testis, ovary, small intestine, prostate and colon.
Immunogen	Purified recombinant fragment of human IL34 expressed in E. Coli.
Reactive Species	Human
Clone	MM1D12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. ; 2. Lim J, et al. Cell, 2006 May 19. ; 3. Lin H, et al. Science, 2008 May 9.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**