



IL-34 mouse mAb

Catalog No	YP-mAb-16096
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	IL34 C16orf77
Immunogen	Synthesized peptide derived from human IL-34 AA range: 51-100
Specificity	This antibody detects endogenous levels of Human IL-34
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse serum by affinity-chromatography using specific immunogen.
Dilution	WB 1:1000-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	C16orf77;Chromosome 16 open reading frame 77;FPT25;IL 34;IL-34;Il34;IL34_HUMAN;Interleukin 34;Interleukin-34;Interleukin34;MGC34647;IL34 C16orf77;Interleukin-34 (IL-34)
Observed Band	27kD
Calculated Molecular Weight	4~5kDa;27kD(Calculated)
Cell Pathway	Secreted .
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.
Function	function: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.,similarity:Belongs to the IL-34 family.,subunit:Homodimer.,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.,

Background	Interleukin-34 is a cytokine that promotes the differentiation and viability of monocytes and macrophages through the colony-stimulating factor-1 receptor (CSF1R; MIM 164770) (Lin et al., 2008 [PubMed 18467591]).[supplied by OMIM, May 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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