

## Product datasheet for **CF811727**

### Interleukin 34 (IL34) Mouse Monoclonal Antibody [Clone ID: OTI4A6]

#### Product data:

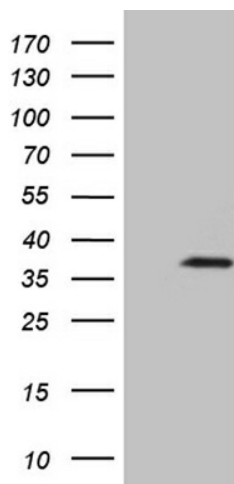
Product Type:	Primary Antibodies
Clone Name:	OTI4A6
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 77-242 of human IL34 (NP_689669) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27.3 kDa
Gene Name:	interleukin 34
Database Link:	<a href="#">NP_689669</a> <a href="#">Entrez Gene 146433 Human</a> <a href="#">Q6ZMJ4</a>
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]



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Synonyms: C16orf77; IL-34

### Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY IL34 ([RC206629], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-IL34 (1:500). Positive lysates [LY403469] (100ug) and [LC403469] (20ug) can be purchased separately from OriGene.