

## Product datasheet for **CF811728**

### Interleukin 34 (IL34) Mouse Monoclonal Antibody [Clone ID: OTI8C4]

#### Product data:

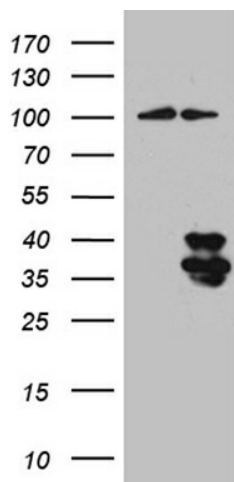
|                         |  |
|-------------------------|--|
| Product Type:           | Primary Antibodies   |
| Clone Name:             | OTI8C4   |
| Applications:           | IHC, WB  |
| Recommended Dilution:   | WB 1:2000, IHC 1:500   |
| Reactivity:             | Human  |
| Host:                   | 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><br><a href="#">Entrez Gene 146433 Human</a><br><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]  |



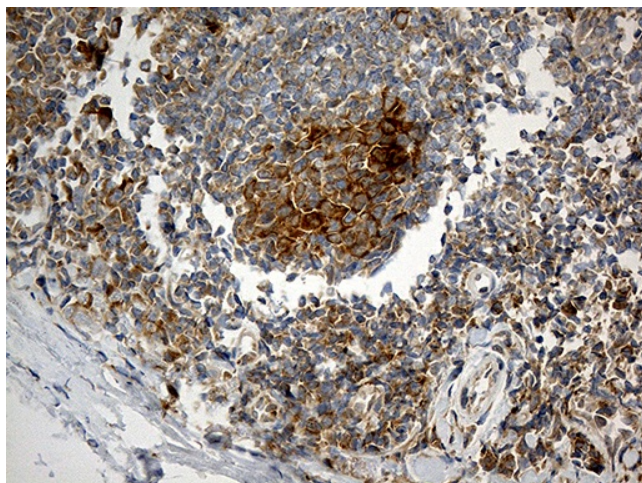
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Synonyms: C16orf77; IL-34

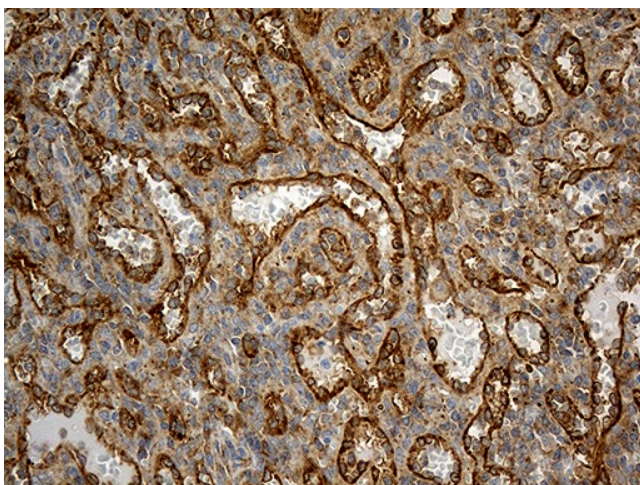
### Product images:



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 (1:2000). Positive lysates [LY403469] (100ug) and [LC403469] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-IL34 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811728]) (1:500)



Immunohistochemical staining of paraffin-embedded Human spleen tissue within the normal limits using anti-IL34 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [TA811728]) (1:500)