

# Anti-IL-34 Reference Antibody (Lilly patent anti-IL-34)

Catalog # APR11424

## Product Information

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|--------------------------|----------------------------------------------------------------|
| <b>Application</b>       | Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA |
| <b>Primary Accession</b> | <a href="#">Q6ZMJ4</a>                                         |
| <b>Reactivity</b>        | Human                                                          |
| <b>Clonality</b>         | Monoclonal                                                     |
| <b>Isotype</b>           | IgG4SP-opti-FALA-noK                                           |
| <b>Calculated MW</b>     | 27482                                                          |

## Additional Information

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|---------------------------|-------|
| <b>Target/Specificity</b> | IL-34 |
| <b>Expression system</b>  | CHO   |

## Protein Information

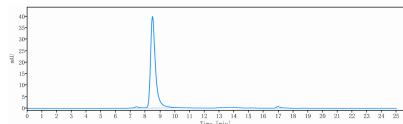
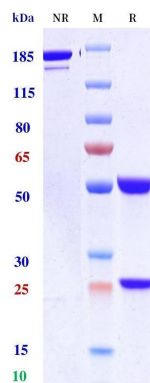
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|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Name</b>              | IL34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>          | C16orf77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Function</b>          | Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role in the regulation of osteoclast proliferation and differentiation, and in the regulation of bone resorption. Signaling via CSF1R and its downstream effectors stimulates phosphorylation of MAPK1/ERK2 AND MAPK3/ERK1. |
| <b>Cellular Location</b> | Secreted.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Tissue Location</b>   | 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.                                                                                                                                                                                                                       |

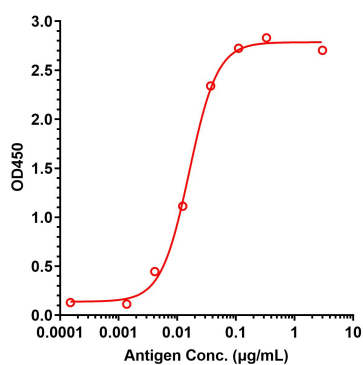
## Images

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Anti-IL-34 Reference Antibody (Lilly patent anti-IL-34) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-34 Reference Antibody (Lilly patent anti-IL-34) is 97.35%, determined by SEC-HPLC.



Immobilized hu-IL-34-his at 2 µg/mL can bind Lilly patent anti-IL-34, EC50= 0.01597 µg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.