

Anti-IL-34 Reference Antibody (Genentech patent anti-IL-34)

Catalog # APR11423

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q6ZMJ4
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	27482

Additional Information

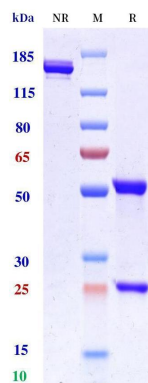
Target/Specificity	IL-34
Expression system	CHO

Protein Information

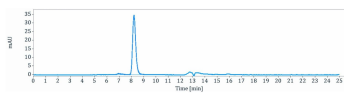
Name	IL34
Synonyms	C16orf77
Function	Cytokine that promotes the proliferation, survival and differentiation of monocytes and macrophages. Promotes the release of pro-inflammatory chemokines, and thereby plays an important role in innate immunity and in inflammatory processes. Plays an important role 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.
Cellular Location	Secreted.
Tissue Location	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

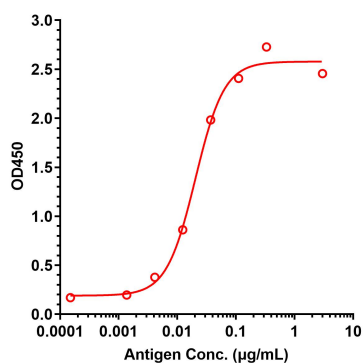
Anti-IL-34 Reference Antibody (Genentech patent anti-IL-34) on SDS-PAGE under reducing (R) condition. The



purity of the protein is greater than 95%.



The purity of Anti-IL-34 Reference Antibody (Genentech patent anti-IL-34) is 97.79%, determined by SEC-HPLC.



Immobilized hu-IL-34-his at 2 μg/mL can bind Genentech patent anti-IL-34, EC₅₀= 0.02038 μg/mL.

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