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Anti-IL-25 Reference Antibody (Centocor patent anti-IL-25)

Recombinant Antibody
Catalog # APR10955

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9H293
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	20330

Additional Information

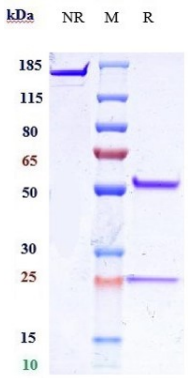
Target/Specificity	IL-25
Endotoxin Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Protein Information

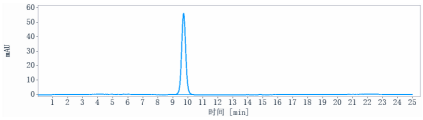
Name	IL25
Synonyms	IL17E
Function	Cytokine produced by various cells such as eosinophils, T- helper type 2 (Th2) cells or epithelial cells that plays a role in internal safety of adaptive immune responses by regulating cytokine production (PubMed:15860795, PubMed:25821217). Promotes and augments T- helper type 2 responses locally or systemically (PubMed:25821217). Exerts its activity via its receptor composed of IL17RA and IL17RB for signal transduction (By similarity). In turn, stimulates the JAK2- STAT5A pathway and promotes the secretion of type-2 associated cytokines including IL4, IL9 and IL13 (PubMed:25821217). Also induces the release of IL8, and IL6 from eosinophils through the combined activation of MAPK and NF-kappa-B pathways (PubMed:15860795). Inhibits the differentiation of T-helper (Th17) cells via the production of IL4, IL5 and IL13 (PubMed:11754819).
Cellular Location	Secreted.

Tissue Location	Expressed at low levels in several tissues, including brain, kidney, lung, prostate, testis, spinal cord, adrenal gland, and trachea

Images



Anti-IL-25 Reference Antibody (Centocor patent anti-IL-25) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-IL-25 Reference Antibody (Centocor patent anti-IL-25) is more than 95%, determined by SEC-HPLC.

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