

**Anti-IL-20 Reference Antibody (fletikumab)  
Recombinant Antibody  
Catalog # APR10566****Specification**

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**Anti-IL-20 Reference Antibody (fletikumab) - Product Information**

Application	FC, E, FTA
Primary Accession	<a href="#">O9NYY1</a>
Reactivity	Cynomolgus, Human, Mouse
Clonality	Monoclonal
Isotype	IgG4
Calculated MW	146.48 KDa

**Anti-IL-20 Reference Antibody (fletikumab) - Additional Information****Target/Specificity**  
IL-20**Endotoxin**  
< 0.001EU/ µg, determined by LAL method.**Conjugation**  
Unconjugated**Expression system**  
CHO Cell**Format**  
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.**Anti-IL-20 Reference Antibody (fletikumab) - Protein Information****Name** IL20**Synonyms** ZCYTO10**Function**  
Pro-inflammatory and angiogenic cytokine mainly secreted by monocytes and skin keratinocytes that plays crucial roles in immune responses, regulation of inflammatory responses, hemopoiesis, as well as epidermal cell and keratinocyte differentiation (PubMed: [17277128](http://www.uniprot.org/citations/17277128), PubMed: [34403503](http://www.uniprot.org/citations/34403503)). Enhances tissue remodeling and wound-healing activities and restores the homeostasis of epithelial layers during infection and inflammatory responses to maintain tissue integrity (PubMed: [17277128](http://www.uniprot.org/citations/17277128)). Affects multiple actin-mediated functions in activated neutrophils leading to inhibition of phagocytosis, granule exocytosis, and migration (PubMed: [28424238](http://www.uniprot.org/citations/28424238))

target="\_blank">28424238</a>). Exert its effects via the type I IL-20 receptor complex consisting of IL20RA and IL20RB (PubMed:<a href="http://www.uniprot.org/citations/11706020" target="\_blank">11706020</a>). Alternatively, can mediate its activity through a second receptor complex called type II IL-20 receptor complex composed of IL22RA1 and IL20RB (PubMed:<a href="http://www.uniprot.org/citations/11564763" target="\_blank">11564763</a>). Acts as an arteriogenic and vascular remodeling factory by activating a range of signaling processes including phosphorylations of JAK2 and STAT5 as well as activation of the serine and threonine kinases AKT and ERK1/2 (By similarity). Alternatively, can activate STAT3 phosphorylation and transcriptional activity in a JAK2, ERK1/2 and p38 MAPK-dependent manner in keratinocytes (PubMed:<a href="http://www.uniprot.org/citations/23614738" target="\_blank">23614738</a>).

### Cellular Location

Secreted.

### Tissue Location

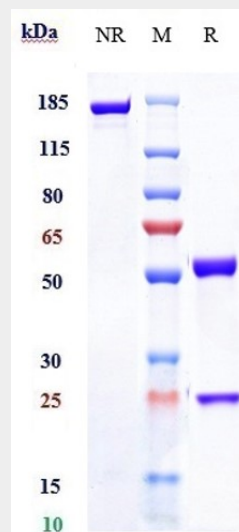
Expressed in most tissues and five major cell types: epithelial cells (primarily skin, buccal mucosa, tongue, nasal mucosa, lung, ureter, breast, prostate, fallopian tube, and adrenal gland), myoepithelial cells (mainly prostate), endothelial cells (mainly in small vessels or capillaries), macrophages, and skeletal muscle. Isoform 2 was detected in the lung tissue only

## Anti-IL-20 Reference Antibody (fletikumab) - Protocols

Provided below are standard protocols that you may find useful for product applications.

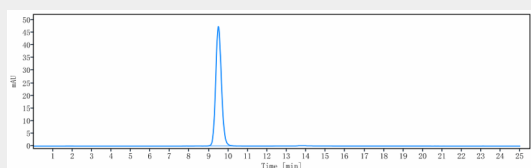
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Anti-IL-20 Reference Antibody (fletikumab) - Images



Anti-IL-20 Reference Antibody (fletikumab) on SDS-PAGE under reducing (R) condition. The gel

was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-IL-20 Reference Antibody (fletikumab) is more than 100% ,determined by SEC-HPLC.