

# Anti-Complement C5 Reference Antibody (tesidolumab)

Recombinant Antibody

Catalog # APR10472

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P01031</a>
<b>Reactivity</b>	Human, Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	188305

## Additional Information

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<b>Target/Specificity</b>	Complement C5
<b>Endotoxin</b>	
<b>Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

## Protein Information

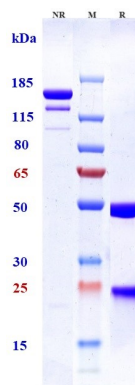
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<b>Name</b>	C5 {ECO:0000303   PubMed:1984448, ECO:0000312   HGNC:HGNC:1331}
<b>Function</b>	Precursor of the C5a anaphylatoxin and complement C5b components of the complement pathways, which consist in a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed: <a href="#">12878586</a> , PubMed: <a href="#">18204047</a> , PubMed: <a href="#">30643019</a> , PubMed: <a href="#">6554279</a> ). Activated downstream of classical, alternative, lectin and GZMK complement pathways (PubMed: <a href="#">12878586</a> , PubMed: <a href="#">18204047</a> , PubMed: <a href="#">30643019</a> , PubMed: <a href="#">39914456</a> , PubMed: <a href="#">39814882</a> , PubMed: <a href="#">6554279</a> ).
<b>Cellular Location</b>	Secreted. [C5a anaphylatoxin]: Secreted

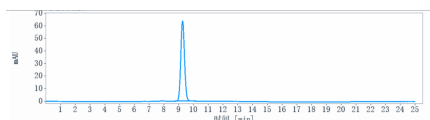
## Images

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Anti-Complement C5 Reference Antibody (tesidolumab) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is



greater than 90%



The purity of Anti-Complement C5 Reference Antibody (tesidolumab) 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'.