

## Product datasheet for **TA365252**

### **C8 (C8G) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human fetal liver tissue IHC: 25-100 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Full length fusion protein
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	22 kDa
Gene Name:	complement component 8, gamma polypeptide
Database Link:	<a href="#">Entrez Gene 733 Human P07360</a>

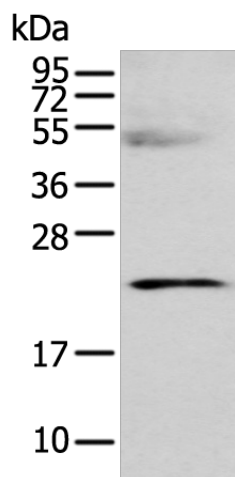
**Background:** The protein encoded by this gene belongs to the lipocalin family. It is one of the three subunits that constitutes complement component 8 (C8), which is composed of a disulfide-linked C8 alpha-gamma heterodimer and a non-covalently associated C8 beta chain. C8 participates in the formation of the membrane attack complex (MAC) on bacterial cell membranes. While subunits alpha and beta play a role in complement-mediated bacterial killing, the gamma subunit is not required for the bactericidal activity.



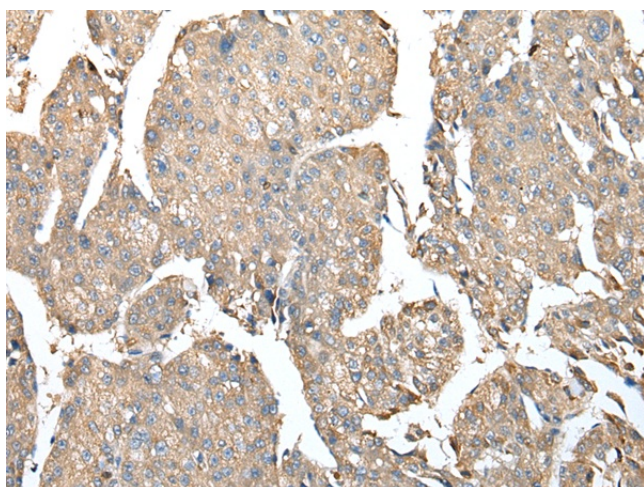
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Synonyms: C8C; MGC142186

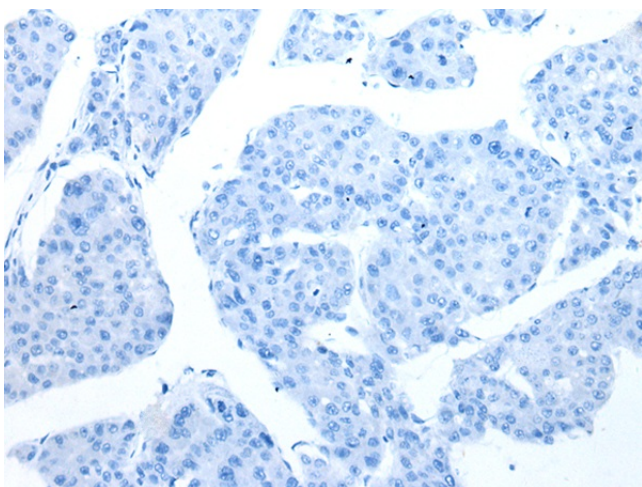
### Product images:



Gel: 12%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane: Human fetal liver tissue  
Primary antibody: TA365252 (C8G Antibody) at dilution 1/250  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 40 seconds



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365252 (C8G Antibody) at dilution 1/25 (Original magnification:  $\times$ 200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA365252 (C8G Antibody) at dilution 1/25, treated with fusion protein. (Original magnification: x200)