

**C3a Receptor Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58066**

**Specification**

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**C3a Receptor Polyclonal Antibody - Product Information**

Application	IHC-P, WB
Primary Accession	<a href="#">O16581</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53864

**C3a Receptor Polyclonal Antibody - Additional Information**

**Gene ID** 719

**Other Names**

C3a anaphylatoxin chemotactic receptor, C3AR, C3a-R, C3AR1, AZ3B, C3R1, HNFAG09

**Format**

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**C3a Receptor Polyclonal Antibody - Protein Information**

**Name** C3AR1

**Synonyms** AZ3B, C3R1, HNFAG09

**Function**

Receptor for the chemotactic and inflammatory peptide anaphylatoxin C3a. This receptor stimulates chemotaxis, granule enzyme release and superoxide anion production.

**Cellular Location**

Cell membrane; Multi-pass membrane protein.

**Tissue Location**

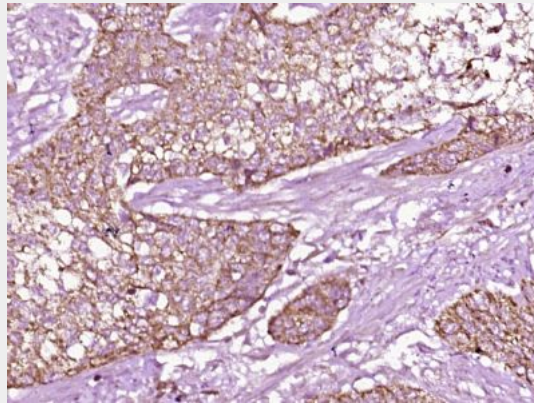
Widely expressed in several differentiated hematopoietic cell lines, in the lung, spleen, ovary, placenta, small intestine, throughout the brain, heart, and endothelial cells. Mostly expressed in lymphoid tissues

**C3a Receptor Polyclonal Antibody - Protocols**

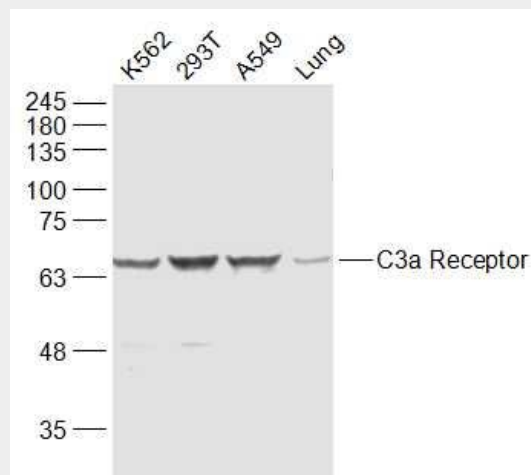
Provided below are standard protocols that you may find useful for product applications.

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

### C3a Receptor Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C3a Receptor) Polyclonal Antibody, Unconjugated (bs-2955R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



#### Sample:

K562(Human) Cell Lysate at 30 ug

293T(Human) Cell Lysate at 30 ug

A549(Human) Cell Lysate at 30 ug

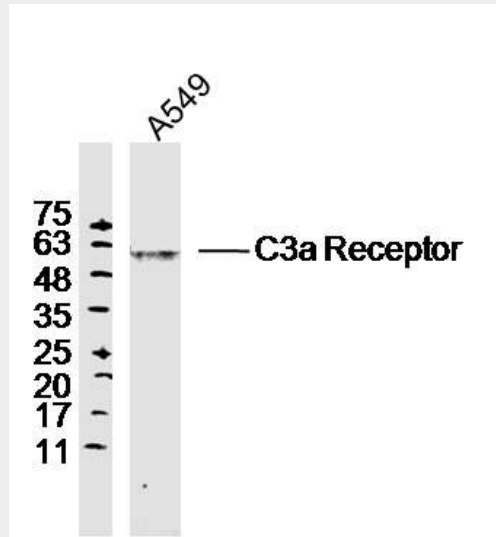
Lung (Mouse) Lysate at 40 ug

Primary: Anti-C3a Receptor (bs-2955R) at 1/1000 dilution

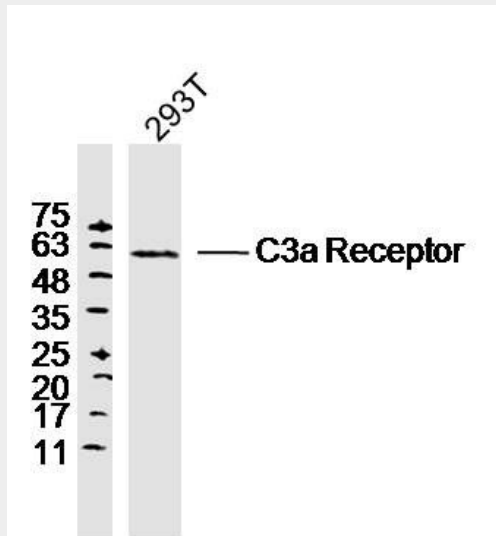
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 54 kD

Observed band size: 64 kD



Sample: A549 Cell (Human) Lysate at 30 ug  
Primary: Anti-C3a Receptor (bs-2955R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 54kD  
Observed band size: 60kD



Sample: 293T Cell (Human) Lysate at 30 ug  
Primary: Anti-C3a Receptor (bs-2955R) at 1/300 dilution  
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution  
Predicted band size: 54kD  
Observed band size: 60kD