

## Product datasheet for **TA392976**

### **C3AR1 Polyclonal Antibody [Clone ID: HC3aRZ8]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	HC3aRZ8
<b>Applications:</b>	FC
<b>Recommended Dilution:</b>	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	Human C3aR transfectants
<b>Specificity:</b>	The mouse monoclonal antibody HC3aRZ8 recognizes an extracellular epitope of C3aR, a transmembrane chemotactic receptor for C3a anaphylatoxin.
<b>Formulation:</b>	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide Format: PE Label: Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
<b>Concentration:</b>	lot specific



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<b>Purification:</b>	<p>*Abdelbaset-Ismail A, Borkowska-Rzeszotek S, Kubis E, Bujko K, Brzeźniakiewicz-Janus K, Bolkun L, Kloczko J, Moniuszko M, Basak GW, Wiktor-Jedrzejczak W, Ratajczak MZ: Activation of the complement cascade enhances motility of leukemic cells by downregulating expression of HO-1. <i>Leukemia</i> 2017 Feb;31(2):446-458., URL: <a href="https://pubmed.ncbi.nlm.nih.gov/27451975/">https://pubmed.ncbi.nlm.nih.gov/27451975/</a>,*Larsen LF, Juel-Berg N, Hansen A, Hansen KS, Mills EN, van Ree R, Rådinger M, Poulsen LK, Jensen BM: No difference in human mast cells derived from peanut allergic versus non-allergic subjects. <i>Immun Inflamm Dis.</i> 2018 Dec;6(4):416-427, URL: <a href="https://pubmed.ncbi.nlm.nih.gov/29992767/">https://pubmed.ncbi.nlm.nih.gov/29992767/</a>,*Reis ES, Chen H, Sfyroera G, Monk PN, Köhl J, Ricklin D, Lambris JD: C5a receptor-dependent cell activation by physiological concentrations of desarginated C5a: insights from a novel label-free cellular assay. <i>J Immunol.</i> 2012 Nov 15;189(10):4797-805. , URL: <a href="https://pubmed.ncbi.nlm.nih.gov/23041570/">https://pubmed.ncbi.nlm.nih.gov/23041570/</a>,*Soruri A, Kiafard Z, Dettmer C, Riggert J, Köhl J, Zwirner J: IL-4 down-regulates anaphylatoxin receptors in monocytes and dendritic cells and impairs anaphylatoxin-induced migration in vivo. <i>J Immunol.</i> 2003 Mar 15;170(6):3306-14., URL: <a href="https://pubmed.ncbi.nlm.nih.gov/12626590/">https://pubmed.ncbi.nlm.nih.gov/12626590/</a>,*Kiafard Z, Tschernig T, Schweyer S, Bley A, Neumann D, Zwirner J: Use of monoclonal antibodies to assess expression of anaphylatoxin receptors in tubular epithelial cells of human, murine and rat kidneys. <i>Immunobiology</i> 2007;212(2):129-39., URL: <a href="https://pubmed.ncbi.nlm.nih.gov/17336833/">https://pubmed.ncbi.nlm.nih.gov/17336833/</a></p>
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Gene Name:</b>	complement component 3a receptor 1
<b>Database Link:</b>	<a href="#">Entrez Gene 719 Human Q16581</a>
<b>Synonyms:</b>	AZ3B, HNFAG09