

**CERTIFICATE OF ANALYSIS – TECHNICAL DATA SHEET**

<b>Product name</b>	IgG2a, Rat, clone RTK2758		
<b>Catalog number</b>	HI3019		
<b>Lot number</b>	-	<b>Expiry date</b>	-
<b>Volume</b>	100 µl	<b>Amount</b>	50 µg
<b>Formulation</b>	0.2 µm filtered in PBS+0.09%NaN3	<b>Concentration</b>	0.5 mg/ml
<b>Host Species</b>	Rat IgG2a	<b>Conjugate</b>	None
<b>Endotoxin</b>	N.A.	<b>Purification</b>	Affinity
<b>Storage</b>	4°C		

**Application notes**

	IHC-F	IHC-P	IF	FC	FS	IA	IP	W
Reference #								
Yes	•	•	•	•			•	•
No								
N.D.					•	•		

*N.D.= Not Determined; IHC = Immuno histochemistry; F = Frozen sections; P = Paraffin sections; IF = Immuno Fluorescence; FC = Flow Cytometry; FS = Functional Studies; IA = Immuno Assays; IP = Immuno Precipitation; W = Western blot*

For mentioned applications dilutions to be used depend on detection system applied. It is recommended that users titrate the antibody for use in their system to a concentration equivalent to the test reagents.

**General Information**

<b>Description</b>	The Rat IgG2a, mAb RTK2758 immunoglobulin is useful as an isotype control for several applications: Western blot, immunoprecipitation, immunohistochemistry, immunofluorescence microscopy, immunocytochemistry and immunofluorescent staining (surface or intracellular) for flow cytometric analysis.
<b>Immunogen</b>	Trinitrophenol + KLH
<b>References</b>	<ol style="list-style-type: none"> <li>1. Nishimoto H, et al; Costimulation of mast cells by 4-1BB, a member of the tumor necrosis factor receptor superfamily, with the high-affinity IgE receptor. <i>Blood</i> 2005, <i>106</i>:13</li> <li>2. Seach N, et al; The lymphotoxin pathway regulates Aire-independent expression of ectopic genes and chemokines in thymic stromal cells. <i>J. Immunol.</i> 2008, <i>180</i>:8</li> <li>3. Jiang P, et al; Integrin-associated protein is a ligand for the P84 neural adhesion molecule. <i>J. Biol. Chem.</i> 1999, <i>274</i>:2</li> </ol>
<b>Storage&amp;stability</b>	Product should be stored undiluted at 4°C. Avoid repeated freezing and thawing as this may denature the antibody. Under recommended storage conditions, product is stable for at least one year.
<b>Precautions</b>	For research use only. Not for use in or on humans or animals or for diagnostics. It is the responsibility of the user to comply with all local/state and federal rules in the use of this product. Hycult Biotech is not responsible for any patent infringements that might result from the use or derivation of this product.

We hereby certify that the above-stated information is correct and that this product has been successfully tested by the Quality Control Department. This product was released for sale according to the existing specifications. This document has been produced electronically and is valid without a signature.

Approved by Manager of QC  
Robbert Zwinkels

Date  
20/03/2018

Do you have any questions or comments regarding this product? Please contact us via [support@hycultbiotech.com](mailto:support@hycultbiotech.com).