

## Product Datasheet

### TIE2 Rabbit Polyclonal Antibody (orb11480)

<b>Description</b>	TIE2 Rabbit Polyclonal Antibody
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Human, Rat
<b>Conjugation</b>	Unconjugated
<b>Tested Applications</b>	FC, ICC
<b>Immunogen</b>	KLH conjugated synthetic peptide derived from human Tie2 (401-550/1120aa)
<b>Target</b>	TEK
<b>Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Primary Antibody
<b>MW</b>	124 kDa
<b>Uniprot ID</b>	<b>Q02763</b>
<b>Dilution Range</b>	ICC/IF=1:100, Flow-Cyt=3ug/Test

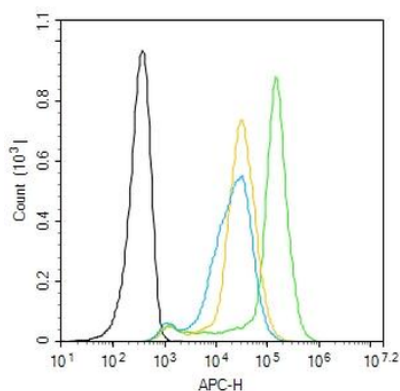
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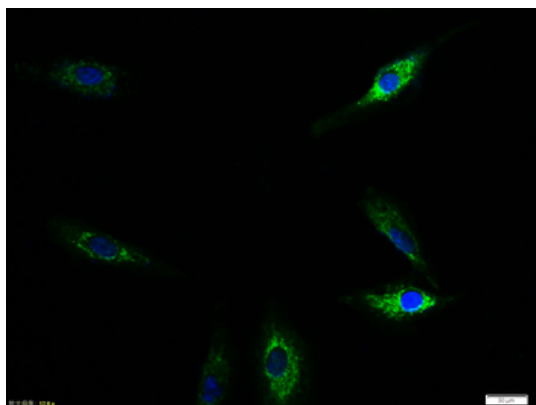
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**Expiration Date** 12 months from date of receipt.



Blank control (Black line): HUVEC (Black). Primary Antibody (green line): Rabbit Anti-TIE2 antibody (orb11480) Dilution: 1  $\mu\text{g}/10^6$  cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody (white blue line): Goat anti-rabbit IgG-AF647 Dilution: 1  $\mu\text{g}/\text{Test}$ . Protocol The cells were fixed with 4% PFA (10 min at room temperature) and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5% BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20000 events was performed.



Tissue/Cell: A549 cell, 4% Paraformaldehyde-fixed, Triton X-100 at room temperature for 20 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Antibody incubation with (TIE2) polyclonal Antibody, Unconjugated (orb11480) 1:100, 90 minutes at 37°C, followed by a FITC conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.

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