

## Rabbit Anti-Cat IgG Heavy & Light Chain antibody {Alexa Fluor 680} (STJS000650)

STJS000650

### GENERAL INFORMATION

<b>Product Type</b>	Secondary antibodies
<b>Short Description</b>	Alexa Fluor 680-conjugated rabbit polyclonal anti-Cat IgG Heavy & Light Chain secondary antibody. For use in most research applications.
<b>Applications</b>	IF/FC/WB
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Cat

### PRODUCT PROPERTIES

<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Alexa Fluor 680
<b>Purification</b>	The antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	Fluorescent applications 1:50-1:1000 LI-1 COR® Odyssey 1:5000-20000
<b>Formulation</b>	Liquid in 0.01M PBS pH7.2, 1% BSA, 50% Glycerol and 0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

**Gene ID**  
**Gene Symbol**  
**Uniprot ID**  
**Immunogen**  
**Immunogen Region**  
**Specificity**  
**Immunogen Sequence**

Alexa Fluor 350	346/442	Blue
Alexa Fluor 405	401/421	Blue
Alexa Fluor 488	496/519	Green
Alexa Fluor 532	532/553	Yellow
Alexa Fluor 555	555/565	Yellow
Alexa Fluor 568	578/603	Red/Orange
Alexa Fluor 594	590/617	Red/Orange
Alexa Fluor 633	632/647	Red
Alexa Fluor 647	650/665	Red
Alexa Fluor 660	663/690	Near IR
Alexa Fluor 680	679/702	Near IR
Alexa Fluor 750	749/775	Near IR
Alexa Fluor 790	784/814	Near IR

To use the Alexa Fluors with fluorescent imagers, use a spectral line of the blue laser diode for Alexa Fluors 405, a cyan (488 nm) laser for Alexa Fluors 488, a yellow (525 nm) laser for Alexa Fluor 550 or 594, and a red (633 nm) laser for Alexa Fluor 649. The Alexa Fluor 680 and 790 fluors are compatible with laser- and filter-based infrared imaging instruments that emit in the 700 nm, and 800 nm.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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