

# Product Datasheet

## Goat anti-Mouse IgG F(ab')<sub>2</sub> Secondary Antibody [Cy5.5] (Pre-adsorbed) NB710-4161

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB710-4161**Goat anti-Mouse IgG F(ab')<sub>2</sub> Secondary Antibody [Cy5.5] (Pre-adsorbed)

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Cy5.5
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, with 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

<b>Product Description</b>	
<b>Host</b>	Goat
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.
<b>Immunogen</b>	Mouse IgG F(ab') <sub>2</sub> fragment

<b>Product Application Details</b>	
<b>Applications</b>	Dot Blot, Fluorophore-linked immunosorbent assay, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Flow Cytometry 1:500 - 1:2500, Immunocytochemistry/ Immunofluorescence 1:1000-1:5000, Dot Blot, Fluorophore-linked immunosorbent assay 1:10000 - 1:50000
<b>Application Notes</b>	This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

**Publications**

Chan Kwon Y, Sik Kim H, Lee BM. Detoxifying effects of optimal hyperoxia (40% oxygenation) exposure on benzo[a]pyrene-induced toxicity in human keratinocytes J. Toxicol. Environ. Health Part A 2020-02-17 [PMID: 32065759]





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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