

# Product Datasheet

## MyD88 Antibody [Janelia Fluor® 549] NBP1-76465JF549

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-76465JF549**

MyD88 Antibody [Janelia Fluor® 549]

Product Information	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Conjugate</b>	Janelia Fluor 549
<b>Purity</b>	Peptide affinity purified
<b>Buffer</b>	50mM Sodium Borate
Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	4615
<b>Gene Symbol</b>	MYD88
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	Immunogen displays the following percentage of sequence identity for non-tested species: Sheep: (82%), Bovine: (82%), Chicken: (82%)
<b>Specificity/Sensitivity</b>	Human MYD88 has 7 isoforms, including isoform 1 (317aa, 35.4kD), isoform 2 (296aa, 33.2 kD), isoform 3 (251aa, 28.3kD), isoform 4 (191aa, 20.8kD), isoform 5 (146aa, 15.8kD), isoform 6 (275aa, 31.5kD), and isoform 7 (304aa, 34.1kD). This antibody detects human isoform 1,2,3,6,7, but not isoform 4,5. Mouse MYD88 has two isoforms, including isoform 1 (296aa, 33.8kD) and isoform 2 (250aa, 28.7kD). Rat MYD88 has only one isoform identified so far (296aa, 33.9kD).
<b>Immunogen</b>	Antibody (2127) was raised against a peptide corresponding to 17 amino acids near carboxy terminus of human MYD88 isoform 1. The immunogen is located within the last 50 amino acids of MYD88. Amino Acid Sequence: CTKSWFWTRLAKALSLP
<b>Notes</b>	Sold under license from the Howard Hughes Medical Institute, Janelia Research Campus.
Product Application Details	
<b>Applications</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.



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### **Products Related to NBP1-76465JF549**

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NBP2-24891JF549	Rabbit IgG Isotype Control [Janelia Fluor 549]
NB100-56698PEP	MyD88 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NBP2-29328	MyD88 Inhibitor Peptide Set

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### **Limitations**

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

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