

# Product Datasheet

## MyD88 Antibody (4D6) - Azide and BSA Free NBP2-80862

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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**NBP2-80862**

MyD88 Antibody (4D6) - Azide and BSA Free

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	4D6
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

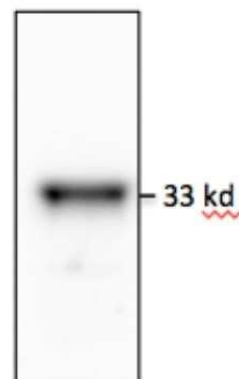
<b>Description</b>	Novus Biologicals Mouse MyD88 Antibody (4D6) - Azide and BSA Free (NBP2-27369) is a monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4615
<b>Gene Symbol</b>	MYD88
<b>Species</b>	Human, Mouse, Primate, Rhesus Macaque
<b>Reactivity Notes</b>	Gorilla, Chimp, Orangutan (100%), Rat (63%), Equine (82%), Canine (73%), Cat, Mouse (68%).
<b>Immunogen</b>	A portion of amino acids 50-100 of human MyD88 was used as the immunogen for this antibody.

**Product Application Details**

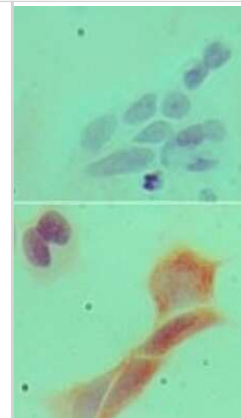
<b>Applications</b>	Western Blot, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/Immunofluorescence, CyTOF-ready
<b>Recommended Dilutions</b>	Western Blot 5-7ug/ml, Flow Cytometry 0.5ug/10 <sup>6</sup> cells, Immunocytochemistry/Immunofluorescence 5ug/ml, Flow (Intracellular), CyTOF-ready
<b>Application Notes</b>	This antibody is Cytof ready.

**Images**

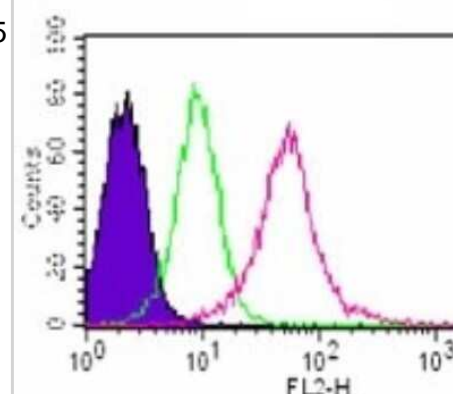
Western Blot: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862] - Normal human bronchial epithelial total cell lysate. Image from verified customer review. Image from the standard format of this antibody.



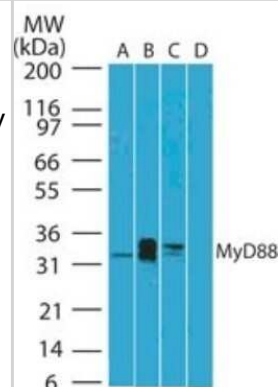
**Immunocytochemistry: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862]** - Analysis of MyD88 antibody in MCF-7 cells using an isotype control (top) and MyD88 Antibody (bottom) at 5 ug/ml. Image from the standard format of this antibody.



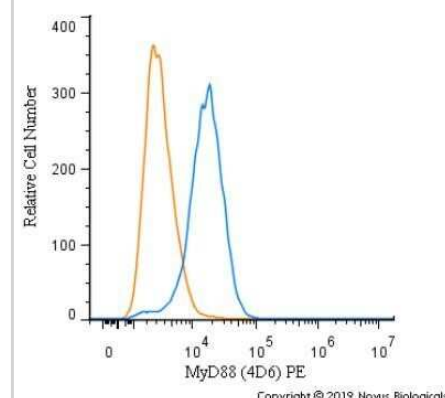
**Flow Cytometry: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862]** - Intracellular analysis of MyD88 antibody in Jurkat cells using 0.5 ug. Shaded histogram represents cells without antibody; green represents isotype control; red represents MyD88 antibody. This antibody was used for this test, and an anti-mouse IgG PE conjugated secondary antibody. Image from the standard format of this antibody.



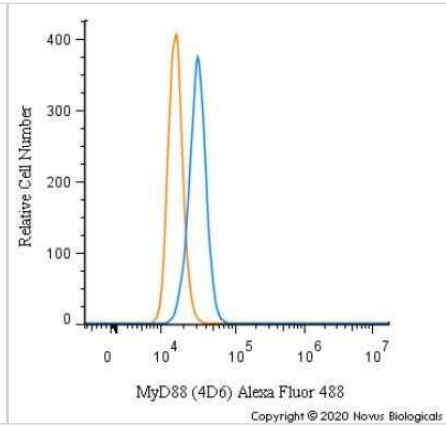
**Western Blot: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862]** - Analysis of MyD88 in A) human ovary, B) human prostate and Jurkat cell lysate in the C) absence and D) presence of immunizing peptide using this antibody. Goat anti-mouse Ig HRP secondary antibody and PicoTect ECL substrate solution were used for this test. Image from the standard format of this antibody.



**Flow Cytometry: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862]** - An intracellular stain was performed on MCF7 cells with MyD88 (4D6) antibody NBP2-27369PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to phycoerythrin.



Flow Cytometry: MyD88 Antibody (4D6) - Azide and BSA Free [NBP2-80862] - An intracellular stain was performed on MCF7 cells with MyD88 [4D6] Antibody NBP2-27369AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.





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### **Products Related to NBP2-80862**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NB100-56698PEP	MyD88 Antibody Blocking Peptide

### **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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