

# Product Datasheet

## TLR7 Antibody (4G6) [Allophycocyanin] NBP2-25274APC

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-25274APC**

TLR7 Antibody (4G6) [Allophycocyanin]

**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>	Monoclonal
<b>Clone</b>	4G6
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Allophycocyanin
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS

**Product Description**

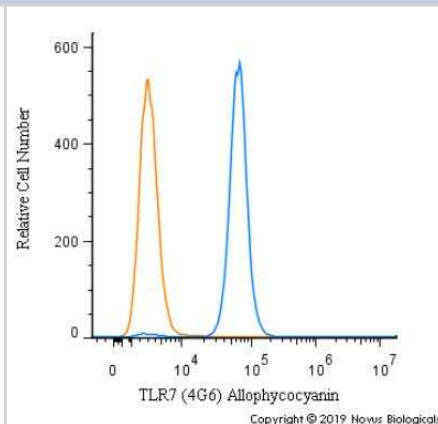
<b>Host</b>	Mouse
<b>Gene ID</b>	51284
<b>Gene Symbol</b>	TLR7
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Mouse reactivity reported in scientific literature (PMID: 24126361)
<b>Immunogen</b>	A partial human TLR7 recombinant protein (amino acids 562-839) was used as the immunogen.
<b>Notes</b>	This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

**Product Application Details**

<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, CyTOF-ready, Immunohistochemistry Whole-Mount, Knockdown Validated
<b>Recommended Dilutions</b>	Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry Whole-Mount, CyTOF-ready, Knockdown Validated
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

**Images**

Flow Cytometry: TLR7 Antibody (4G6) [Allophycocyanin] [NBP2-25274APC] - An intracellular stain was performed on THP-1 cells with TLR7 [4G6] Antibody NBP2-25274APC (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 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Allophycocyanin.



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## Publications

Koupenova M, Corkrey HA, Vitseva O et al. The role of platelets in mediating a response to human influenza infection. Nat Commun. 2018-09-01 [PMID: 30992428]

Details:

Citation using the Azide Free form of this antibody.

Hagen SH, Henseling F, Hennesen J et al Heterogeneous Escape from X Chromosome Inactivation Results in Sex Differences in Type I IFN Responses at the Single Human pDC Level Cell Rep 2020-12-09 [PMID: 33296655]

Details:

Citation using the Allophycocyanin version of this antibody.





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General: novus@novusbio.com

### **Products Related to NBP2-25274APC**

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NBP2-26228-1mg	Imiquimod, TLR7 ligand
IC002A	Mouse IgG1 Isotype Control (11711) [Allophycocyanin]
NBP2-27251	TLR7 Antibody (4G6) [PE]
NB100-56682PEP	TLR7 Antibody Blocking Peptide

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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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