

# Product Datasheet

## CHD4 Antibody (CHD4 3F2/4) - BSA Free NBP2-50163

Unit Size: 0.1 ml

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

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**NBP2-50163**

CHD4 Antibody (CHD4 3F2/4) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<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>	CHD4 3F2/4
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

**Product Description**

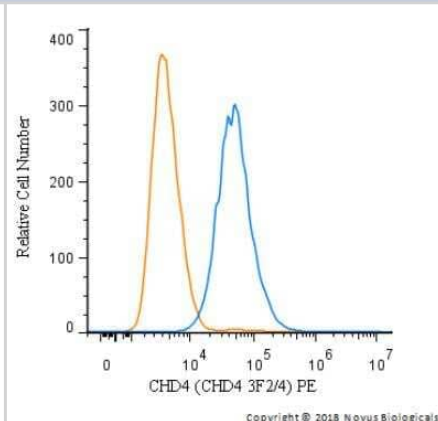
<b>Host</b>	Mouse
<b>Gene ID</b>	1108
<b>Gene Symbol</b>	CHD4
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide (N- and C- terminal peptides were used for immunisation. 1. ASGLGSPSPCSAGSEEDM & 2. CSRLANRAPEPPPQQVAQQQ. Which peptide the antibody recognises has not been tested)

**Product Application Details**

<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready, Knockout Validated
<b>Recommended Dilutions</b>	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500, CyTOF-ready, Knockout Validated
<b>Application Notes</b>	This antibody is Cytof ready. Use in Knockout Validated reported in scientific literature (PMID: 31042474).

**Images**

Flow Cytometry: CHD4 Antibody (CHD4 3F2/4) [NBP2-50163] - An intracellular stain was performed on HeLa cells with CHD4 Antibody (CHD4 3F2/4) NBP2-50163PE (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 5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Phycoerythrin.



## Publications

Yen W. F, Sharma R, et al. Distinct Requirements of CHD4 during B Cell Development and Antibody Response. Cell Rep 2019-04-30 [PMID: 31042474] (WB, KO, Mouse)





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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00001108-Q01-10ug	Recombinant Human CHD4 GST (N-Term) Protein

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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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