

# Product Datasheet

## **B7-H4 Antibody (7A1-6) - Chimeric NBP3-09034-0.2mg**

Unit Size: 0.2 mg

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

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**NBP3-09034-0.2mg**

B7-H4 Antibody (7A1-6) - Chimeric

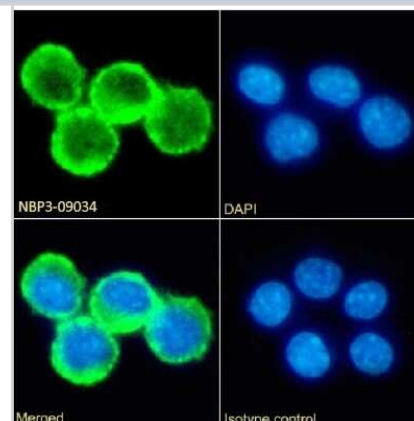
Product Information	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	7A1-6
<b>Preservative</b>	0.02% Proclin 300
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS

Product Description	
<b>Host</b>	Rabbit
<b>Gene ID</b>	79679
<b>Gene Symbol</b>	VTCN1
<b>Species</b>	Mouse
<b>Specificity/Sensitivity</b>	This antibody is specific for murine B7-H4, a newly discovered member of the B7 family reported to inhibit T cell activation, cell cycle progression and IL-2 production. B7-H4 is expressed on activated T-cells, B-cells, monocytes and dendritic cells.
<b>Immunogen</b>	This antibody was raised by immunising rats with the recombinant murine B7-H4.

Product Application Details	
<b>Applications</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize, Functional Assay
<b>Recommended Dilutions</b>	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Block/Neutralize, Functional Assay
<b>Application Notes</b>	This chimeric rabbit antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

**Images**

Immunocytochemistry/Immunofluorescence: B7-H4 Antibody (7A1-6) - Chimeric [NBP3-09034] - Immunofluorescence analysis of paraformaldehyde fixed RAW264.7 cells on Shi-fix(TM) coverslips stained with the chimeric rabbit IgG version of 7A1-6 (NBP3-09034) at 10 ug/ml for 1h followed by Alexa Fluor(R) 488 secondary antibody (2 ug/ml), showing membrane staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-09034, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.





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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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