

# Product Datasheet

## PD-L1 Antibody (MIH5) [Biotin] NBP1-43506-0.05mg

Unit Size: 0.05 mg

Store at 4C in the dark.

[www.novusbio.com](http://www.novusbio.com)



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### Publications: 2

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**NBP1-43506-0.05mg**

PD-L1 Antibody (MIH5) [Biotin]

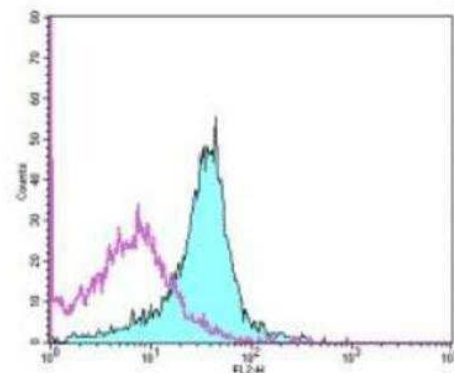
Product Information	
Unit Size	0.05 mg
Concentration	0.5 mg/ml
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	MIH5
Preservative	0.09% Sodium Azide
Isotype	IgG2a Lambda
Conjugate	Biotin
Purity	Protein A or G purified
Buffer	PBS (pH 7.2) with 0.1% gelatin

Product Description	
Host	Rat
Gene ID	29126
Gene Symbol	CD274
Species	Human, Mouse
Immunogen	The immunogen for this antibody was B7H1.

Product Application Details	
Applications	Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Flow Cytometry 0.25 ug/10 <sup>6</sup> cells in 100 ul, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence
Application Notes	The MIH5 antibody has been tested by flow cytometric analysis of mouse splenocyte suspensions. This can be used at less than or equal to 0.5 ug per test. Cell number should be determined empirically but can range from 10 <sup>5</sup> to 10 <sup>8</sup> cells/test.

**Images**

Flow Cytometry: B7-H1/PD-L1/CD274 Antibody (MIH5) [Biotin] [NBP1-43506] - Staining of C57Bl/6 splenocytes with 0.125 ug of Rat IgG2a Isotype Control Biotin (open histogram) or 0.125 ug of Anti-Mouse (B7-H1) Biotin (filled histogram) followed by Streptavidin PE. Total viable cells were used for analysis.



## Publications

Sheng H, Wang Y, Jin Y et al. A critical role of IFN $\gamma$  in priming MSC-mediated suppression of T cell proliferation through up-regulation of B7-H1 Cell Res 2008-08-01 [PMID: 18607390]

Details:

This citation used the Biotin version of this antibody.

Tsushima F, Iwai H, Otsuki N et al. Preferential contribution of B7-H1 to programmed death-1-mediated regulation of hapten-specific allergic inflammatory responses Eur J Immunol 2003-10-01 [PMID: 14515261]

Details:

This citation used the Biotin version of this antibody.





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### **Products Related to NBP1-43506-0.05mg**

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NBP2-29370	Streptavidin Native Protein
NBP1-76769PEP-0.1mg	PD-L1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
156-B7-100	PD-L1 [Unconjugated]

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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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