# 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 technical@novusbio.com

**Publications: 2**

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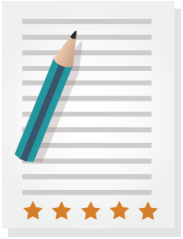
Updated 5/15/2025 v.20.1





# 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

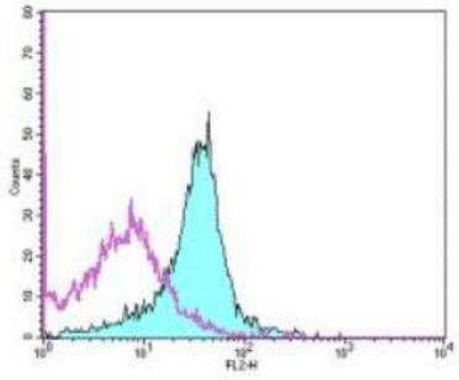
| | |
|---|---|
| **Host** | Rat |
| **Gene ID** | 29126 |
| **Gene Symbol** | CD274 |
| **Species** | Human, Mouse |
| **Immunogen** | The immunogen for this antibody was B7H1. |

## Product Application Details

| | |
|---|---|
| **Applications** | Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry |
| **Recommended Dilutions** | Flow Cytometry 0.25 ug/10^6 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 10^5to 10^8cells/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 IFNgamma 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.

## Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

## Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

## Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

## General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com


**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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