

Product Datasheet

EBI3 Antibody (15k8D10) - BSA Free NBP2-27362

Unit Size: 0.1 mg

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

www.novusbio.com



technical@novusbio.com

Publications: 11

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-27362

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-27362



NBP2-27362

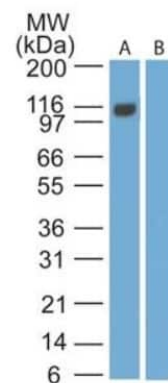
EBI3 Antibody (15k8D10) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	15k8D10
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	0.1 ml PBS
Product Description	
Host	Mouse
Gene ID	10148
Gene Symbol	EBI3
Species	Human
Specificity/Sensitivity	The human Interleukin-35 protein is a dimeric protein consisting of the human IL-12a/p35 subunit (NP_000873.2) and the human EBI3 (NP_005746) protein. Clone 15K8D10 tests as being specific to the EBI3 subunit of the target protein.
Immunogen	A full-length human Interleukin-35-Fc fusion protein was used as immunogen for this antibody.
Endotoxin Note	< 0.06 EU/ug
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Tissue Culture Substratum
Recommended Dilutions	Western Blot 3-5ug/ml~, Immunohistochemistry reported in scientific literature (PMID 27681506), Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 31601798), Immunohistochemistry-Paraffin 5ug/ml, Tissue Culture Substratum

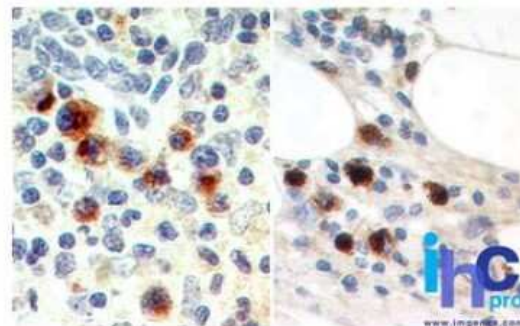


Images

Western Blot: EBI3 Antibody (15k8D10) [NBP2-27362] - Analysis of IL-35-Fc protein (A) and human Fc (B) using IL-35 antibody at 4ug/ml.



Immunohistochemistry-Paraffin: EBI3 Antibody (15k8D10) [NBP2-27362] - Formalin-fixed, paraffin-embedded human spleen (left) and lymph node metastatic malignant melanoma (right) stained with IL-35 antibody (5 ug/ml) using peroxidase-conjugate and DAB chromogen.



Publications

Ito T, Tanaka T, Nakamaru K et al. Interleukin-35 promotes the differentiation of regulatory T cells and suppresses Th2 response in IgG4-related type 1 autoimmune pancreatitis. *J. Gastroenterol.* 2020-05-06 [PMID: 32377945]

Liu J, Hao S, Chen X et al. Human placental trophoblast cells contribute to maternal-fetal tolerance through expressing IL-35 and mediating iTR35 conversion. *Nat Commun.* 2019-10-10 [PMID: 31601798] (ICC/IF, Human)

Larousserie F, Kebe D, Huynh T et al. Evidence for IL-35 Expression in Diffuse Large B-Cell Lymphoma and Impact on the Patient's Prognosis *Front Oncol* 2019-06-28 [PMID: 31316915] (IHC-P, Human)

Javvadi LR, Parachuru VPB, Milne TJ et al. Expression of IL33 and IL35 in oral lichen planus. *Arch. Dermatol. Res.* 2018-04-09 [PMID: 29633015] (IHC-P)

Ma Y, Chen L, Xie G et al. Elevated level of interleukin-35 in colorectal cancer induces conversion of T cells into iT_H35 by activating STAT1/STAT3. *Oncotarget.* 2016-11-08 [PMID: 27682874] (IF/IHC, Human)

Long J, Guo H, Cui S et al. IL-35 expression in hepatocellular carcinoma cells is associated with tumor progression *Oncotarget.* 2016-07-19 [PMID: 27329841] (IF/IHC, Human)

Horlad H, Ma C, Yano H et al. An IL-27/Stat3 axis induces expression of programmed cell death 1 ligands (PD-L1/2) on infiltrating macrophages in lymphoma. *Cancer Sci.* 2016-11-01 [PMID: 27564404] (IF/IHC, Human)

Zhao Z, Chen X, Hao S et al. Increased interleukin-35 expression in tumor-infiltrating lymphocytes correlates with poor prognosis in patients with breast cancer *Cytokine* 2016-09-24 [PMID: 27681506] (IF/IHC, Human)

Fu YP, Yi Y, Cai XY et al. Overexpression of interleukin-35 associates with hepatocellular carcinoma aggressiveness and recurrence after curative resection. *Br. J. Cancer.* 2016-03-29 [PMID: 27002937] (IHC-P, Human)

Wang Z, Liu JQ, Liu Z et al. Tumor-derived IL-35 promotes tumor growth by enhancing myeloid cell accumulation and angiogenesis. *J Immunol.* 2013-03-01 [PMID: 23345334] (IHC-P, Human)

Details:

IHC (P), Fig 1: human large B cell lymphoma, nasopharyngeal carcinoma, skin, melanoma, lymph node metastatic melanoma.

Mao H, Gao W, Ma C et al. Human placental trophoblasts express the immunosuppressive cytokine IL-35. *Hum Immunol.* 2013-07-01 [PMID: 23619469] (IHC-P, Human)

Details:

IHC (P), Fig 1: first-trimester human placentae.





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

Products Related to NBP2-27362

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
NBP2-27363B	EBI3 Antibody (15k8D10) [Biotin]

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-27362

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

