

# Product Datasheet

## IL-1 alpha/IL-1F1 Antibody (OT12F8) NBP2-45400

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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**NBP2-45400****IL-1 alpha/IL-1F1 Antibody (OTI2F8)**

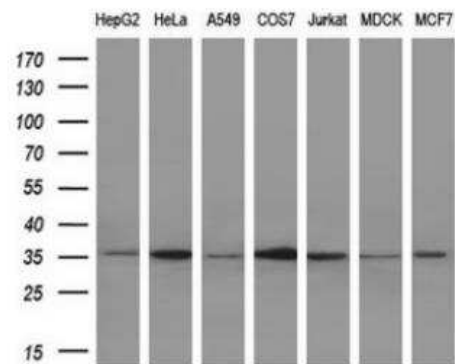
<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	OTI2F8
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
<b>Target Molecular Weight</b>	30.4 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse IL-1 alpha/IL-1F1 Antibody (OTI2F8) (NBP2-45400) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-IL-1 alpha/IL-1F1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	3552
<b>Gene Symbol</b>	IL1A
<b>Species</b>	Human, Mouse, Rat, Monkey
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 30213497). Mouse reactivity reported in scientific literature (PMID: 30240702). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
<b>Immunogen</b>	Full length human recombinant protein of human IL1A(NP_000566) produced in HEK293T cell.

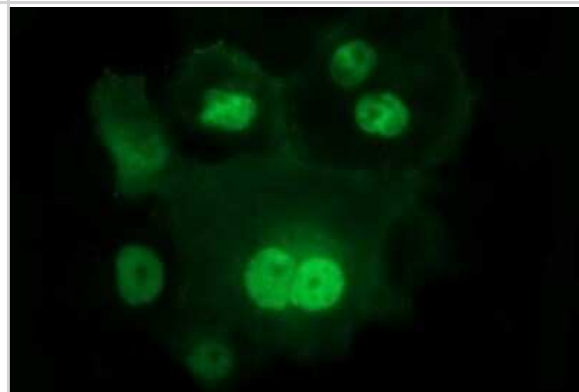
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

## Images

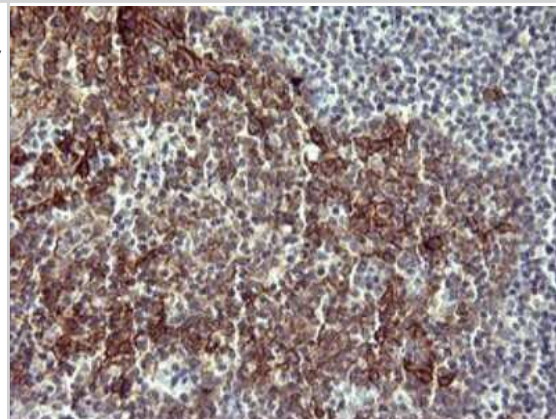
Western Blot: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of extracts (10ug) from 5 different cell lines by using anti-IL1A monoclonal antibody. (1:200)



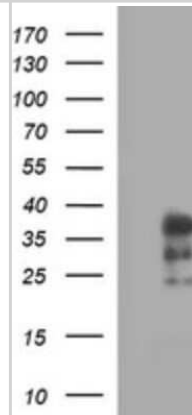
Immunocytochemistry/Immunofluorescence: IL-1 alpha/IL-1F1 Antibody (OT12F8) [NBP2-45400] - IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of COS7 cells transiently transfected by pCMV6-ENTRY IL-1 alpha.



Immunohistochemistry: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



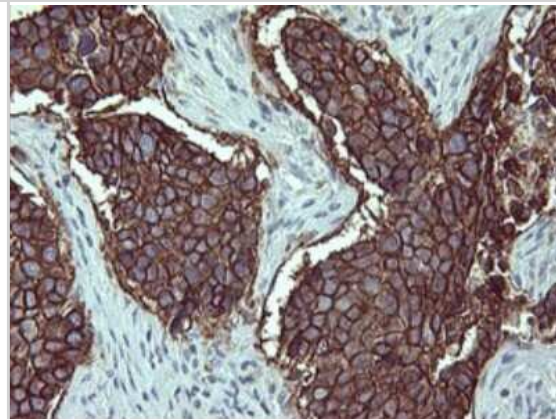
Western Blot: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of HEK293T cells lysate (5 ug, left lane) and full length human recombinant protein of human IL-1 alpha (NP\_000566) produced in Analysis of HEK293T cell (5 ug, right lane).



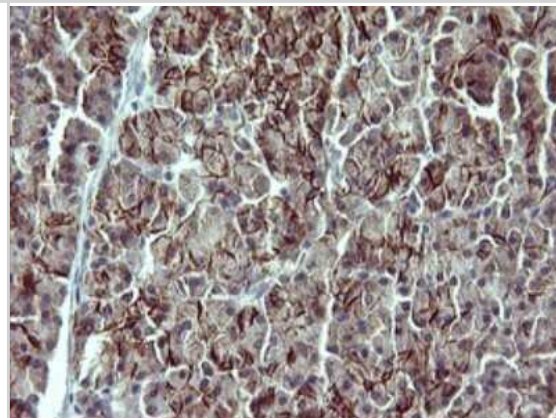
Immunohistochemistry: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of Human breast tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



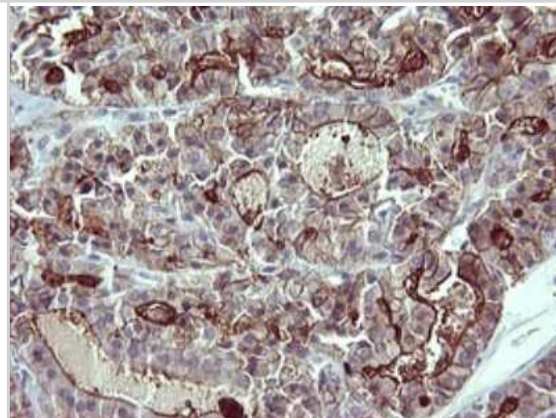
Immunohistochemistry: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of Carcinoma of Human lung tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



Immunohistochemistry: IL-1 alpha/IL-1F1 Antibody (2F8) [NBP2-45400] - Analysis of Carcinoma of Human thyroid tissue. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120C for 3min)



## Publications

Rojewska E, Piotrowska A, Jurga A et al. Zaprinas diminished pain and enhanced opioid analgesia in a rat neuropathic pain model. *Eur. J. Pharmacol.* 2018-09-10 [PMID: 30213497] (WB, Rat)

Archer Nk, Jo JH, Lee Sk et al. Injury, dysbiosis, and filaggrin deficiency drive skin inflammation through keratinocyte IL-1a release. *J. Allergy Clin. Immunol.* 2018-09-19 [PMID: 30240702] (ICC/IF, Mouse)



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### Products Related to NBP2-45400

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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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