

# Product Datasheet

## GM-CSF Antibody (OTI8G5)

### NBP2-46364

Unit Size: 0.1 ml

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

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**NBP2-46364**

GM-CSF Antibody (OTI8G5)

**Product Information**

<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>	OTI8G5
<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>	14.4 kDa

**Product Description**

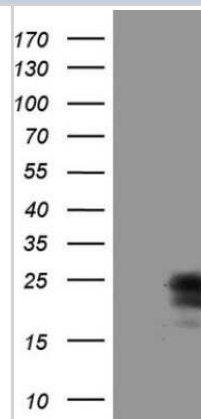
<b>Description</b>	Novus Biologicals Mouse GM-CSF Antibody (OTI8G5) (NBP2-46364) is a monoclonal antibody validated for use in IHC and WB. Anti-GM-CSF Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	1437
<b>Gene Symbol</b>	CSF2
<b>Species</b>	Human
<b>Immunogen</b>	Human recombinant protein fragment corresponding to amino acids 18-144 of human CSF2(NP_000749) produced in E.coli.

**Product Application Details**

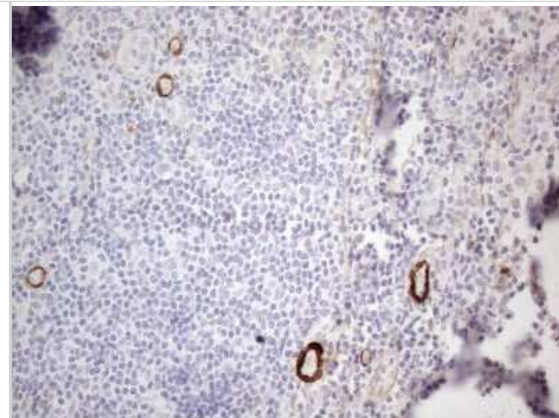
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Use in IHC-P reported in scientific literature (PMID:32039403).

**Images**

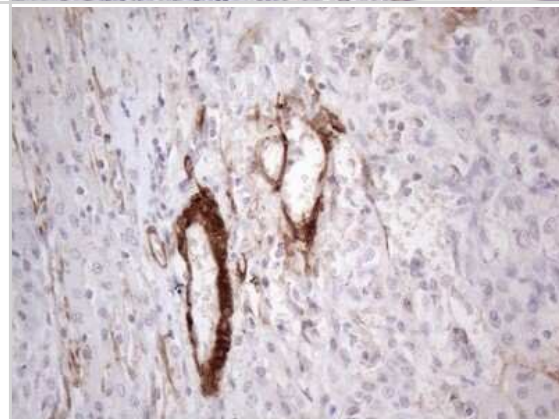
Western Blot: GM-CSF Antibody (8G5) [NBP2-46364] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY GM-CSF.



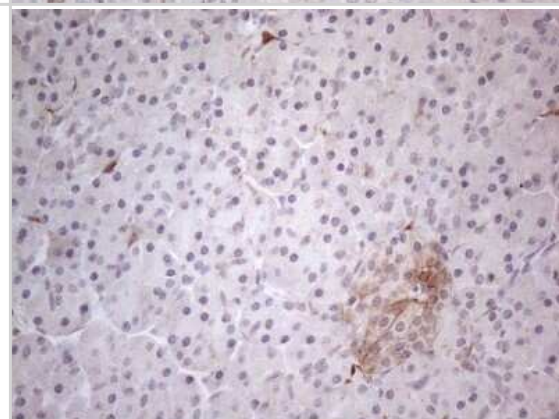
Immunohistochemistry: GM-CSF Antibody (8G5) [NBP2-46364] -  
Analysis of Human tonsil tissue. (Heat-induced epitope retrieval by 1mM  
EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



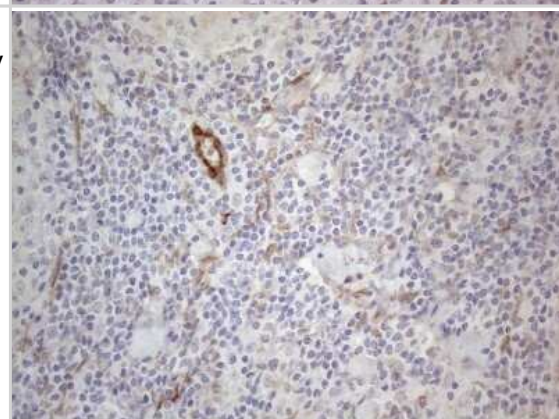
Immunohistochemistry: GM-CSF Antibody (8G5) [NBP2-46364] -  
Analysis of Carcinoma of Human liver tissue. (Heat-induced epitope  
retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



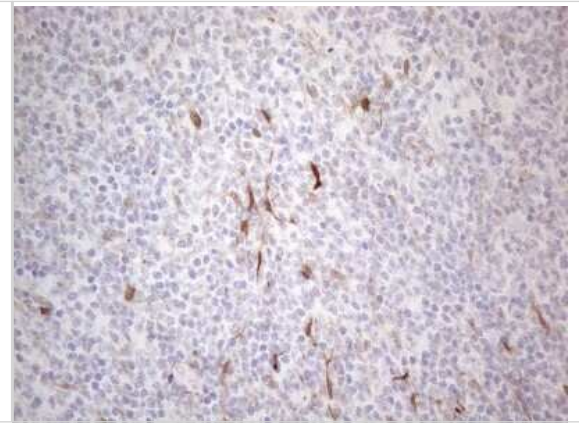
Immunohistochemistry: GM-CSF Antibody (8G5) [NBP2-46364] -  
Analysis of Human pancreas tissue. (Heat-induced epitope retrieval by  
1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: GM-CSF Antibody (8G5) [NBP2-46364] -  
Analysis of Human lymph node tissue. (Heat-induced epitope retrieval by  
1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



Immunohistochemistry: GM-CSF Antibody (8G5) [NBP2-46364] - Analysis of Human lymphoma tissue. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120C for 3 min)



## Publications

Tan-Garcia A, Lai F, Sheng Yeong J Liver fibrosis and CD206+ macrophage accumulation are suppressed by anti-GM-CSF therapy JHEP Reports 2019-12-01 [PMID: 32039403] (IF/IHC, IHC-P, Human)



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### **Products Related to NBP2-46364**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-35066-5ug	Recombinant Mouse GM-CSF Protein

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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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