

# Product Datasheet

## B7-1/CD80 Antibody (OTI2E5)

### NBP2-02905

Unit Size: 0.1 ml

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

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**NBP2-02905**

B7-1/CD80 Antibody (OTI2E5)

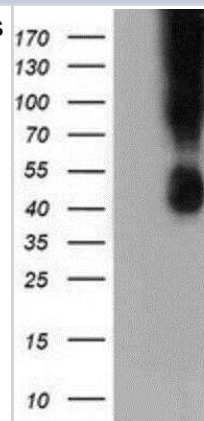
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E5
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	29.3 kDa

Product Description	
Host	Mouse
Gene ID	941
Gene Symbol	CD80
Species	Human
Immunogen	Full length human recombinant protein of human CD80 (NP_005182) produced in HEK293T cell.

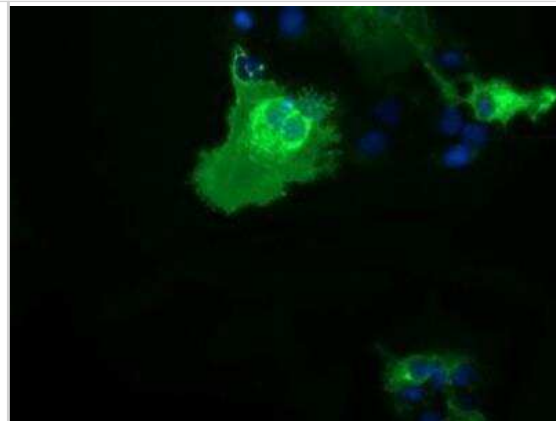
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:150

**Images**

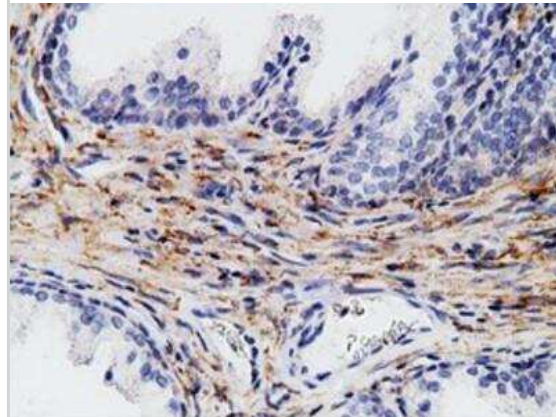
Western Blot: B7-1/CD80 Antibody (2E5) [NBP2-02905] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY CD80 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-CD80.



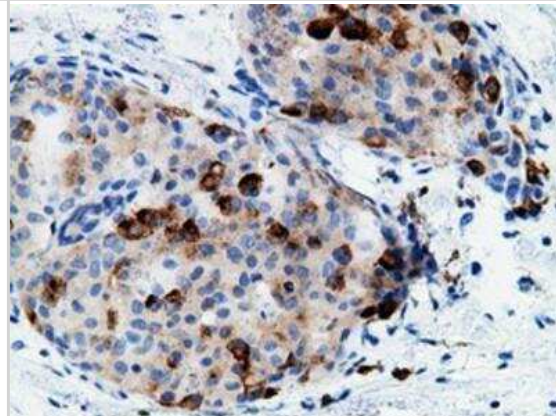
Immunocytochemistry/Immunofluorescence: B7-1/CD80 Antibody (OT12E5) [NBP2-02905] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY CD80.



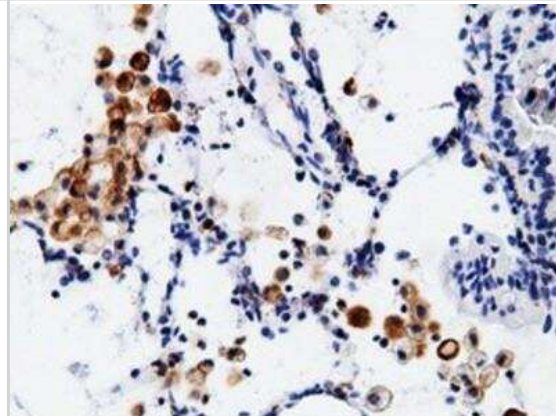
Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Human prostate tissue using anti-CD80 mouse monoclonal antibody.



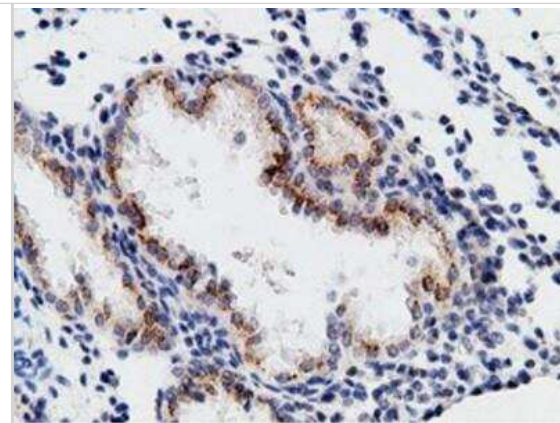
Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-CD80 mouse monoclonal antibody.



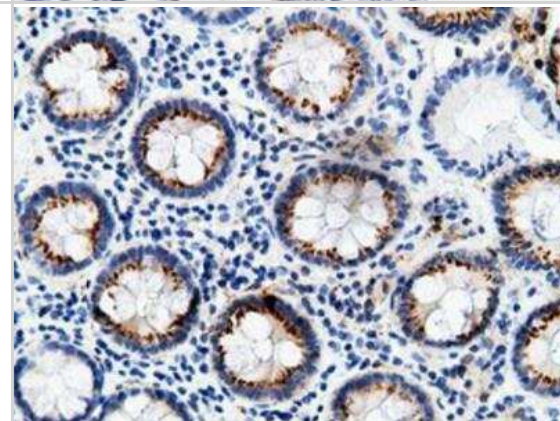
Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-CD80 mouse monoclonal antibody.



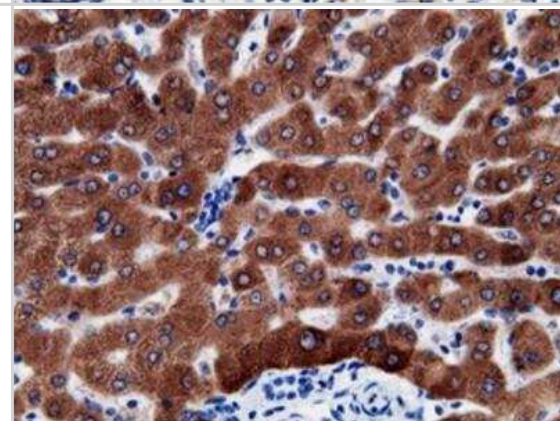
Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-CD80 mouse monoclonal antibody.



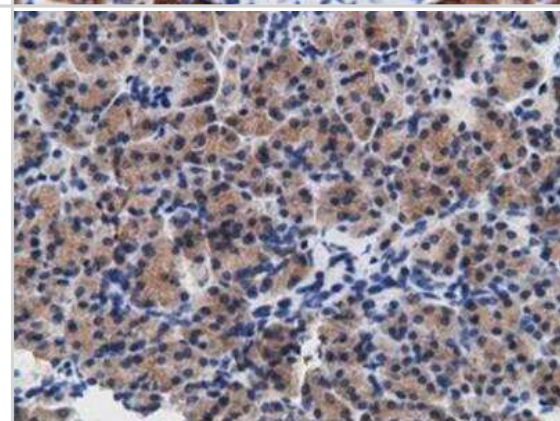
Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Human colon tissue using anti-CD80 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Human liver tissue using anti-CD80 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: B7-1/CD80 Antibody (2E5) [NBP2-02905] - Staining of paraffin-embedded Human pancreas tissue using anti-CD80 mouse monoclonal antibody.



## Publications

Herrera M, Soderberg M, Sabirsh A et al. Inhibition of T-cell activation by CTLA4-Fc is sufficient to ameliorate proteinuric kidney disease *Am. J. Physiol. Renal Physiol.* 2016-07-20 [PMID: 27440778]



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### **Products Related to NBP2-02905**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-26578	Recombinant Mouse B7-1/CD80 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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