

Product Datasheet

TDO2 Antibody (OTI2A4) NBP2-45995

Unit Size: 0.1 ml

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

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NBP2-45995

TDO2 Antibody (OTI2A4)

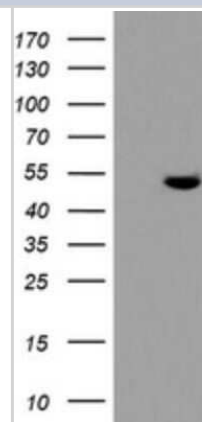
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2A4
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	47.7 kDa

Product Description	
Host	Mouse
Gene ID	6999
Gene Symbol	TDO2
Species	Human
Immunogen	Full length human recombinant protein of human TDO2(NP_005642) produced in HEK293T cell.

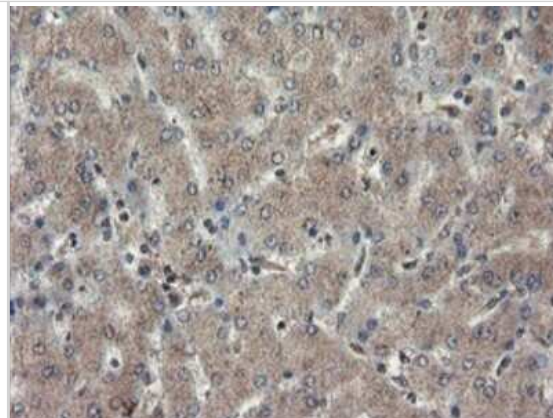
Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin

Images

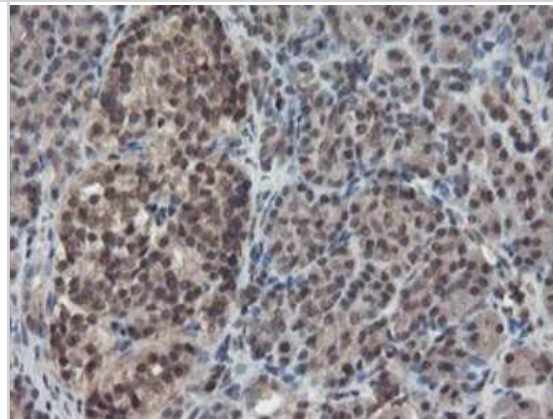
Western Blot: TDO2 Antibody (OTI2A4) [NBP2-45995] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY TDO2.



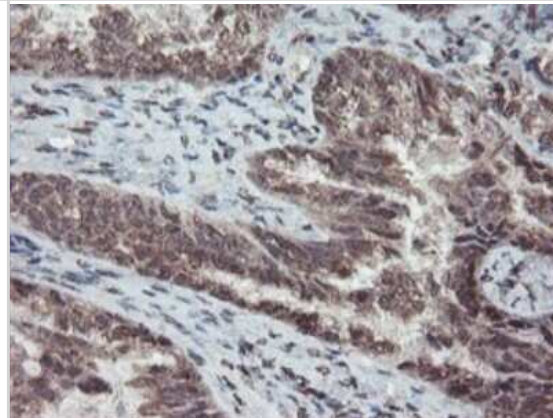
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human liver tissue within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



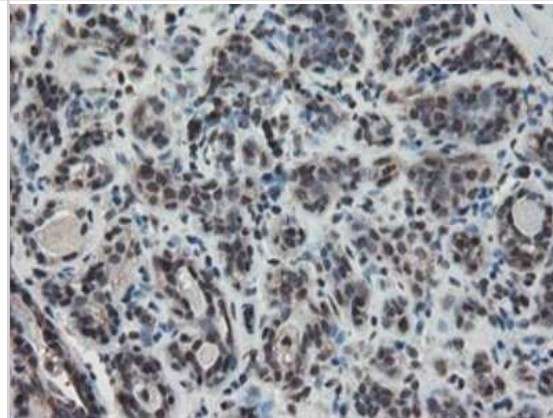
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



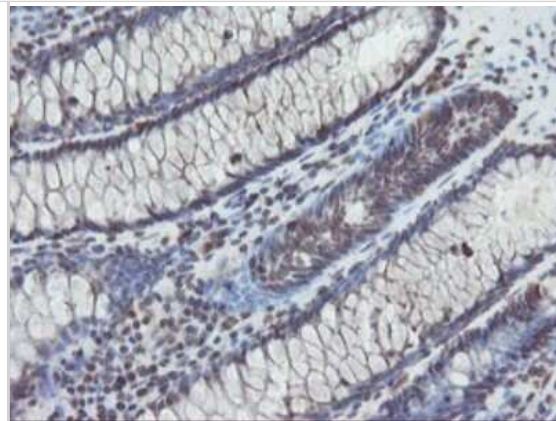
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.,



Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human breast tissue within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



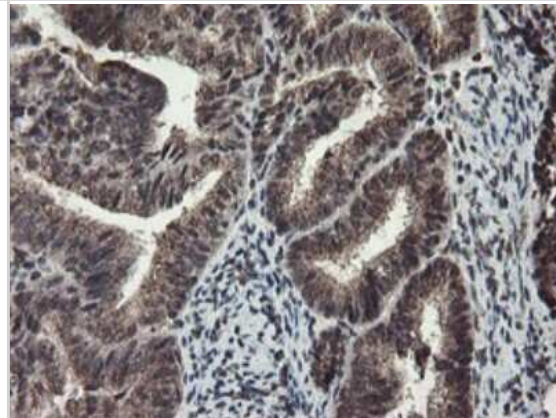
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human colon tissue within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



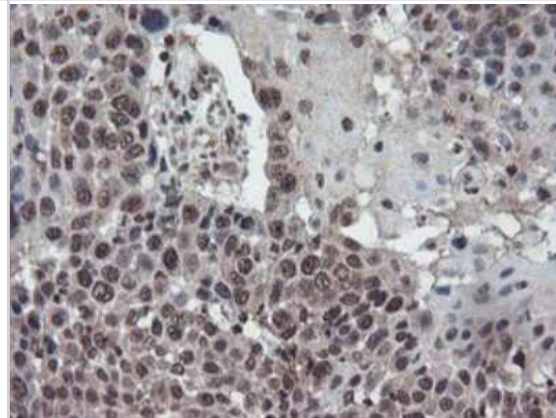
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human tonsil within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



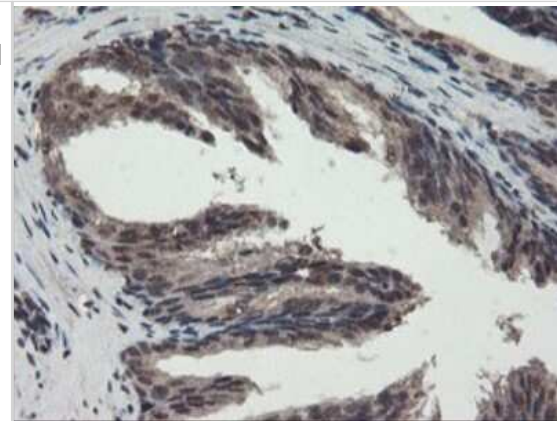
Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Immunohistochemistry-Paraffin: TDO2 Antibody (OTI2A4) [NBP2-45995]
- Staining of paraffin-embedded Human prostate tissue within the normal limits using anti-TDO2 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100C for 10min.



Publications

Arnaud Jacquerie, Ann Hoeben, Daniëlle B. P. Eekers, Alida A. Postma, Maxime Vanmechelen, Frederik de Smet, Linda Ackermans, Monique Anten, Kim Severens, Axel zur Hausen, Martinus P. G. Broen, Jan Beckervordersandforth Prognostic relevance of high expression of kynurenine pathway markers in glioblastoma Scientific Reports 2024-06-28 [PMID: 38951170]

Wu C, Spector S, Theodoropoulos G et al. Dual inhibition of IDO1/TDO2 enhances anti-tumor immunity in platinum-resistant non-small cell lung cancer Research Square 2022-10-27 [PMID: 37226257] (WB)

Hao S, Huang G, Feng J et al. Non-NF2 mutations have a key effect on inhibitory immune checkpoints and tumor pathogenesis in skull base meningiomas J. Neurooncol. 2019-06-08 [PMID: 31177425]



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Products Related to NBP2-45995

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)
NBP1-51014-0.01mg	Recombinant Human TDO2 His Protein

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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