

Product Datasheet

ICOS Antibody NBP1-52139

Unit Size: 0.1 mg

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

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NBP1-52139

ICOS Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

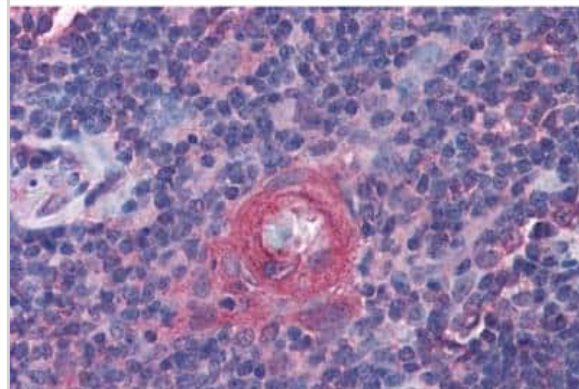
Product Description	
Host	Goat
Gene ID	29851
Gene Symbol	ICOS
Species	Human
Immunogen	Peptide with sequence KGGQILCDLTKTKGS corresponding to internal region according to NP_036224.1.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin 1-2 ug/ml, Peptide ELISA Detection limit 1:32000
Application Notes	WB: Preliminary experiments gave an approx. 13 kDa band in human peripheral blood Lymphocyte lysates after 0.01 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 22.6 kDa band according to NP_036224.1. The 13 kDa band was successfully blocked by incubation with the immunizing peptide. IHC: In paraffin embedded Human Lymph Node shows membrane staining just outside the mantle zone of the Germinal Centre.

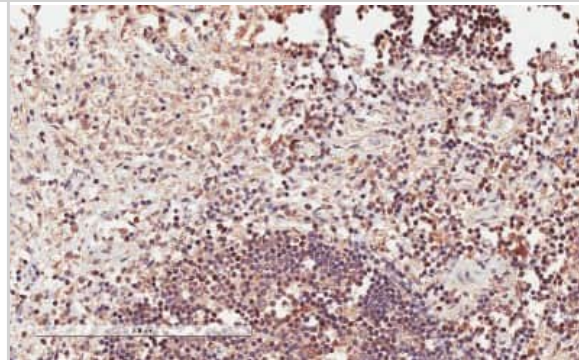


Images

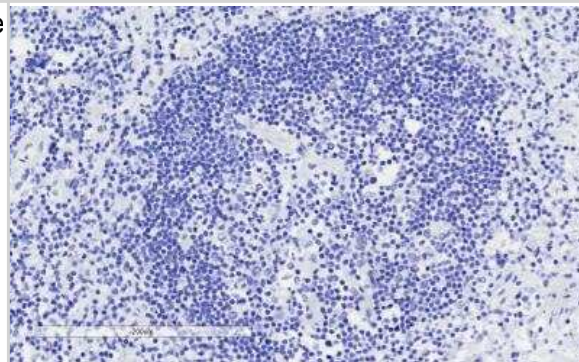
Immunohistochemistry-Paraffin: ICOS Antibody [NBP1-52139] - Staining of paraffin embedded Human Thymus. Steamed antigen retrieval with citrate buffer pH 6, AP-staining



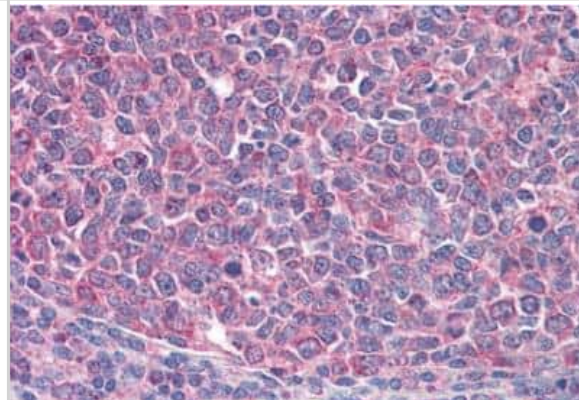
Immunohistochemistry-Paraffin: ICOS Antibody [NBP1-52139] - (2ug/ml) staining of paraffin embedded Human Lymph Node. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.



Immunohistochemistry-Paraffin: ICOS Antibody [NBP1-52139] - Negative Control showing staining of paraffin embedded Human Lymph Node, with no primary antibody.



Immunohistochemistry-Paraffin: ICOS Antibody [NBP1-52139] - Staining of paraffin embedded Human Tonsil. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

Strauss L, Bergmann C, Szczepanski MJ et al. Expression of ICOS on human melanoma-infiltrating CD4+CD25highFoxp3+ T regulatory cells: implications and impact on tumor-mediated immune suppression. *J Immunol* 2008-03-01 [PMID: 18292519]



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Products Related to NBP1-52139

HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control
NBP3-21257PEP	ICOS Recombinant Protein Antigen

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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