

Product Datasheet

IRF4 Antibody (MUM1/8274R)

NBP3-20550-100ug

Unit Size: 100 ug

Store at 4C. Do not freeze.

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NBP3-20550-100ug

IRF4 Antibody (MUM1/8274R)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MUM1/8274R
Preservative	0.05% Sodium Azide
Isotype	IgG Kappa
Purity	Protein A or G purified
Buffer	10mM PBS with 0.05% BSA

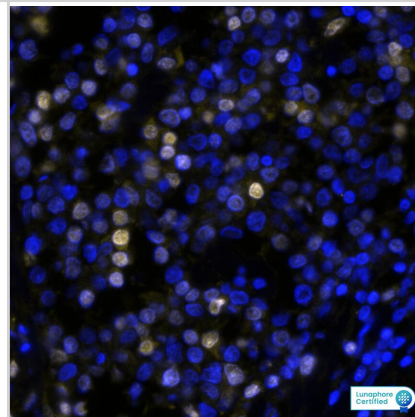
Product Description	
Description	Positive Controls: Human tonsil or diffuse large B-cell lymphoma (DLBCL). Antibody with azide - store at 2 to 8C. Non-hazardous. No MSDS required.
Host	Rabbit
Gene ID	3662
Gene Symbol	IRF4
Species	Human
Immunogen	Recombinant fragment (corresponding to C-terminal) of IRF4 protein (exact sequence is proprietary)

Product Application Details	
Applications	Immunohistochemistry-Paraffin, Multiplex Immunofluorescence
Recommended Dilutions	Immunohistochemistry-Paraffin 1-2 ug/ml, Multiplex Immunofluorescence 1:100
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes. at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

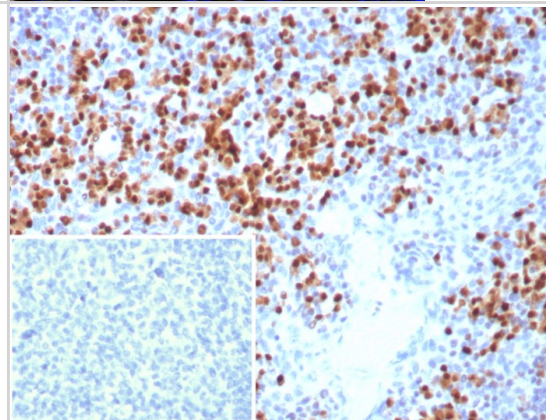


Images

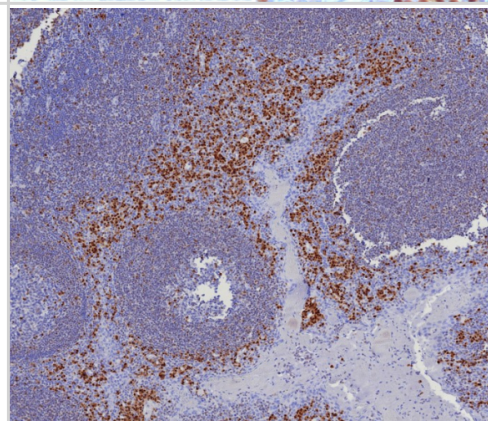
IRF4 was detected in immersion fixed paraffin-embedded sections of human Hodgkin's Lymphoma using Rabbit Anti-Human IRF4, Monoclonal Antibody (Catalog #NBP3-20550) at 10ug/mL at 37° Celsius for 4 minutes. Before incubation with the primary antibody, tissue underwent an all-in-one dewaxing and antigen retrieval preprocessing using PreTreatment Module (PT Module) and Dewax and HIER Buffer H (pH 9; Epredia Catalog # TA-999-DHBH). Tissue was stained using the Alexa Fluor™ Plus 647 Goat anti-Rabbit IgG Secondary Antibody at 1:200 at 37 ° Celsius for 2 minutes. (Yellow; Lunaphore Catalog # [DR647RB](#)) and counterstained with DAPI (blue; Lunaphore Catalog # [DR100](#)). Specific staining was localized to the nucleus. Protocol available in [COMET™ Panel Builder](#).



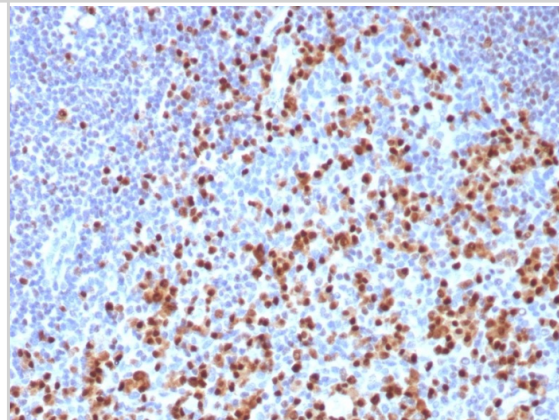
Formalin-fixed, paraffin-embedded human tonsil stained with IRF4 antibody (MUM1/8274R). Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded human tonsil stained with IRF4 antibody (MUM1/8274R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human tonsil stained with IRF4 antibody (MUM1/8274R). HIER: Tris/EDTA, pH9.0, 45min. Secondary: HRP-polymer, 30min. DAB, 5min.





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Products Related to NBP3-20550-100ug

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP1-82814PEP	IRF4 Recombinant Protein Antigen
6507-IL-010/CF	IL-4 [Unconjugated]

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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