

Product Datasheet

MIG2/Kindlin-2 Antibody (OTI9E4) NBP1-47745

Unit Size: 0.1 ml

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

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NBP1-47745**MIG2/Kindlin-2 Antibody (OTI9E4)**

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI9E4
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	77.9 kDa

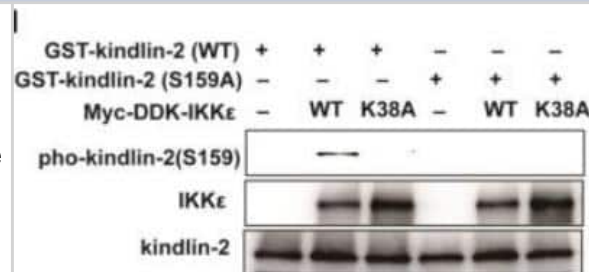
Product Description	
Description	Novus Biologicals Mouse MIG2/Kindlin-2 Antibody (OTI9E4) (NBP1-47745) is a monoclonal antibody validated for use in IHC, WB, ICC/IF and IP. Anti-MIG2/Kindlin-2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	10979
Gene Symbol	FERMT2
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Specificity/Sensitivity	This antibody is specific for Homo sapiens fermitin family homolog 2 (Drosophila) (FERMT2), transcript variant 1.
Immunogen	Full-length protein expressed in 293T cell transfected with human FERMT2 expression vector

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1000, Immunohistochemistry 1:150, Immunocytochemistry/Immunofluorescence 1:50, Immunoprecipitation 2ug/500ul, Immunohistochemistry-Paraffin 1:150



Images

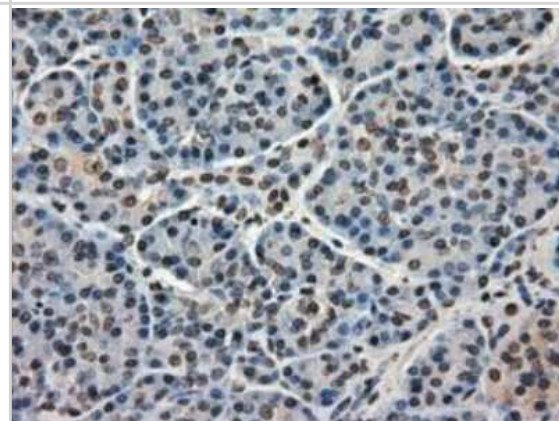
Western Blot: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - GST-tagged wild-type MIG2/Kindlin-2 or MIG2/Kindlin-2 (S159A) were incubated without IKKE (-), or with purified wild-type IKKE (WT) or mutant IKKE (K38A) in kinase buffer and resolved by SDS-PAGE, followed by immunoblotting analysis with the indicated antibodies. Image collected and cropped by CiteAb from the following publication (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7019159/>) licensed under a CC-BY license



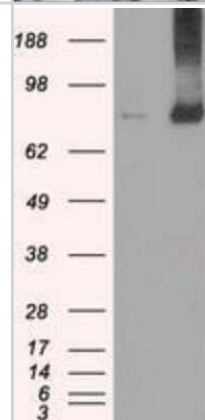
Immunocytochemistry/Immunofluorescence: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of HepG2 cells using anti-Kindlin-2 mouse monoclonal antibody.



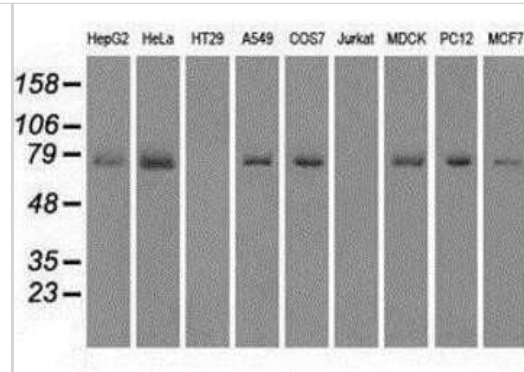
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Human pancreas tissue using anti-Kindlin-2 mouse monoclonal antibody.



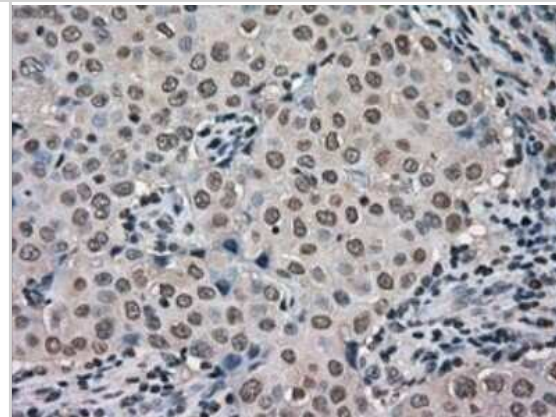
Western Blot: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY Kindlin-2 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-Kindlin-2.



Western Blot: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Kindlin-2 monoclonal antibody.



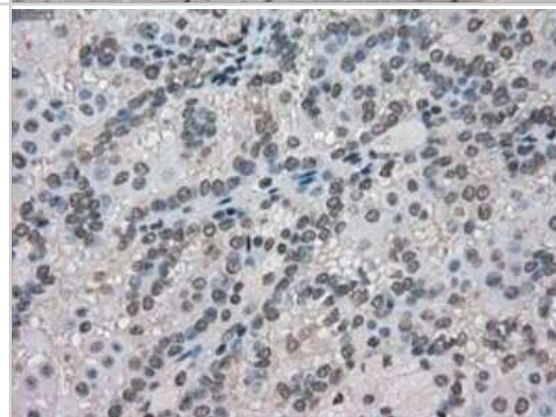
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-Kindlin-2 mouse monoclonal antibody.



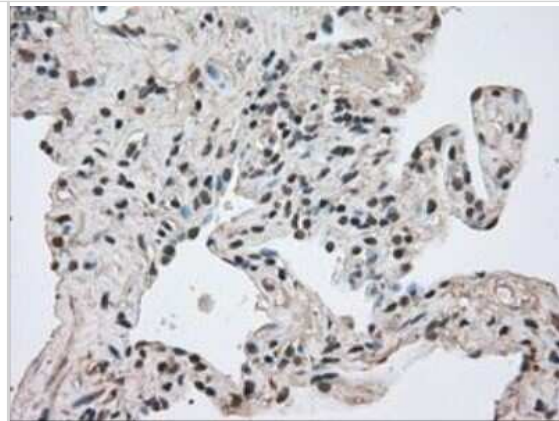
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Kindlin-2 mouse monoclonal antibody.



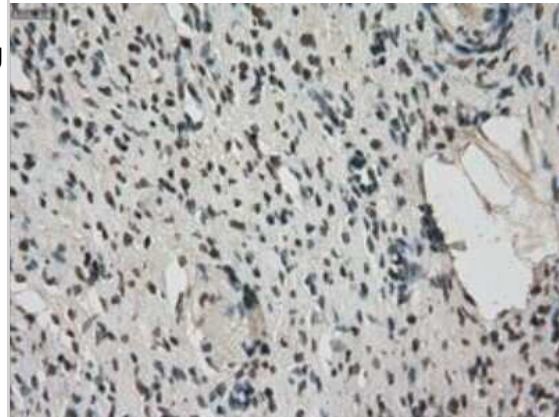
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-Kindlin-2 mouse monoclonal antibody.



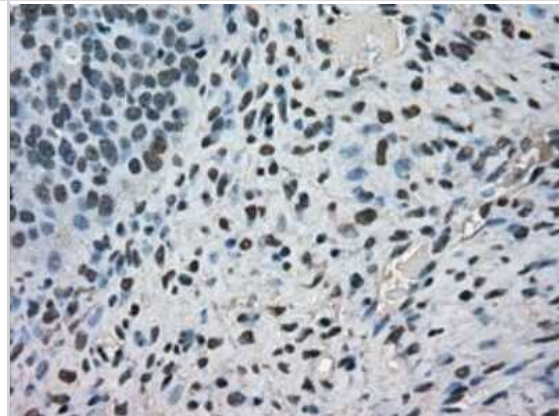
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Carcinoma of Human lung tissue using anti-Kindlin-2 mouse monoclonal antibody.



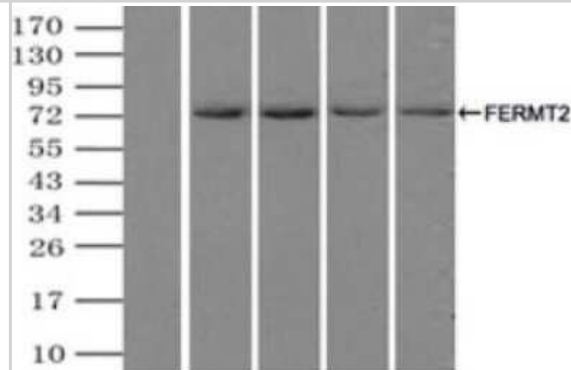
Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Human colon tissue using anti-Kindlin-2 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - Staining of paraffin-embedded Human Ovary tissue using anti-Kindlin-2 mouse monoclonal antibody.



Immunoprecipitation: MIG2/Kindlin-2 Antibody (OTI9E4) [NBP1-47745] - (Negative control: IP without adding anti-FERMT2 antibody.). For each experiment, 500ul of DDK tagged FERMT2 overexpression lysates (at 1:5 dilution with HEK293T lysate), 2ug of anti-FERMT2 antibody and 20ul (0.1mg) of goat anti-mouse conjugated magnetic beads were mixed and incubated overnight. After extensive wash to remove any non-specific binding, the immuno-precipitated products were analyzed with rabbit anti-DDK polyclonal antibody.



MIG2/Kindlin-2 Antibody (OTI9E4)[NBP1-47745] Simple Western analysis of endogenous protein HSP90AB1 from HELA lysates (0.2 mg/mL) using HSP90AB1 Mouse Monoclonal Antibody . The virtual lane view (left) shows the target (as indicated) at 1:50 dilution of primary antibody. The corresponding electropherogram view (right) plots chemiluminescence by molecular weight along the capillary at a 1:50 dilution of primary antibody. This experiment was performed under reducing conditions on the Jess Simple Western instrument from ProteinSimple, a Bio-Techne brand, using the 12-230 kDa Separation Module.



Publications

Liu G, Bao Y et al. IKK epsilon phosphorylates kindlin-2 to induce invadopodia formation and promote colorectal cancer metastasis. *Theranostics* 2020-02-28 [PMID: 32104508] (WB, Human)





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Products Related to NBP1-47745

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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