

# Product Datasheet

## FAK Antibody (SR46-04) NBP2-67327

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67327**

FAK Antibody (SR46-04)

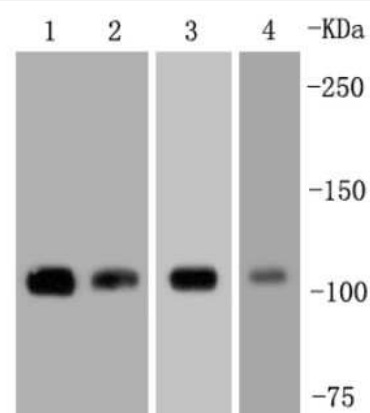
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SR46-04
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit FAK Antibody (SR46-04) (NBP2-67327) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. Anti-FAK Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5747
Gene Symbol	PTK2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human FAK aa 700-740. (SwissProt: Q05397 Human; SwissProt: P34152 Mouse; SwissProt: O35346 Rat)

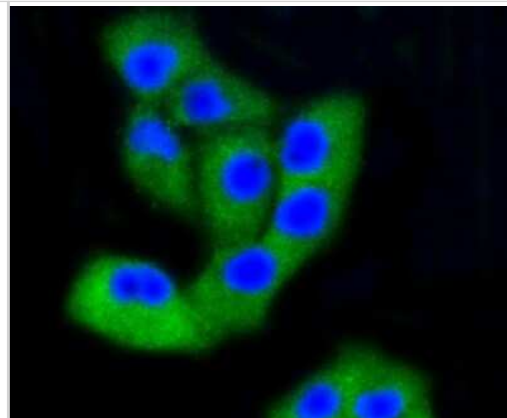
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

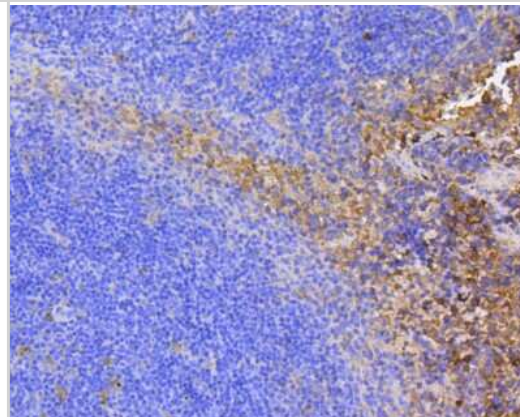
Western Blot: FAK Antibody (SR46-04) [NBP2-67327] - Western blot analysis of FAK on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit



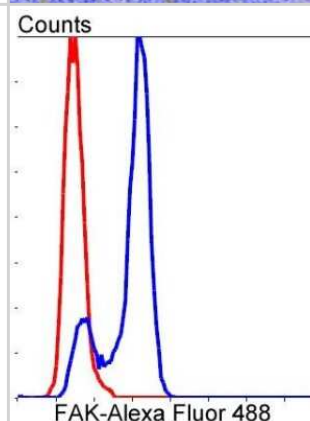
**Immunocytochemistry/Immunofluorescence: FAK Antibody (SR46-04) [NBP2-67327]** - Staining FAK in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



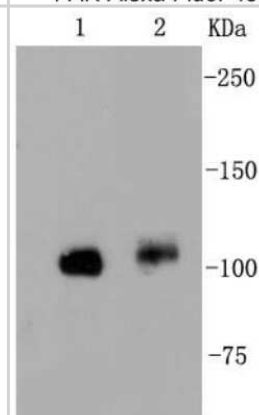
**Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]** - Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



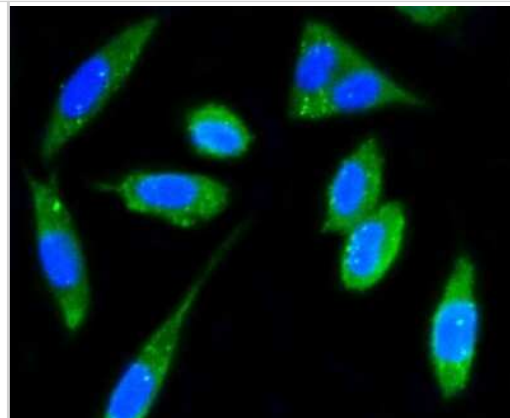
**Flow Cytometry: FAK Antibody (SR46-04) [NBP2-67327]** - Analysis of HeLa cells with FAK antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



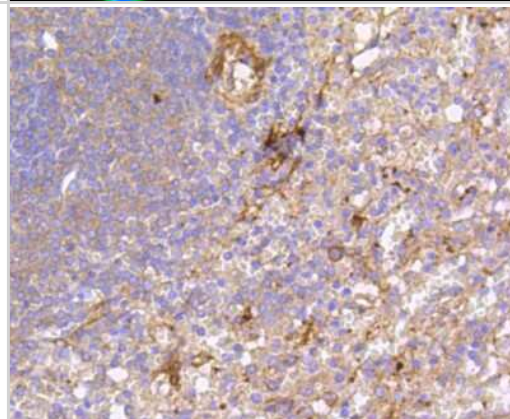
**Western Blot: FAK Antibody (SR46-04) [NBP2-67327]** - Analysis of FAK on different lysates using anti-FAK antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: Mouse spleen



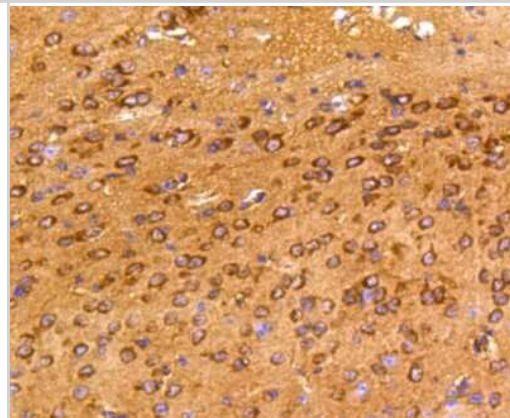
Immunocytochemistry/Immunofluorescence: FAK Antibody (SR46-04) [NBP2-67327] - Staining FAK in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



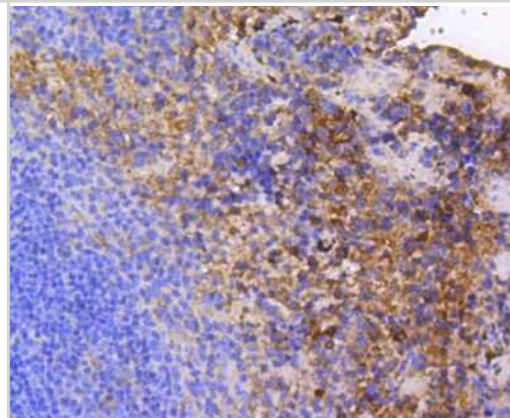
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded human spleen tissue using anti-FAK antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded mouse brain tissue using anti-FAK antibody. Counter stained with hematoxylin.

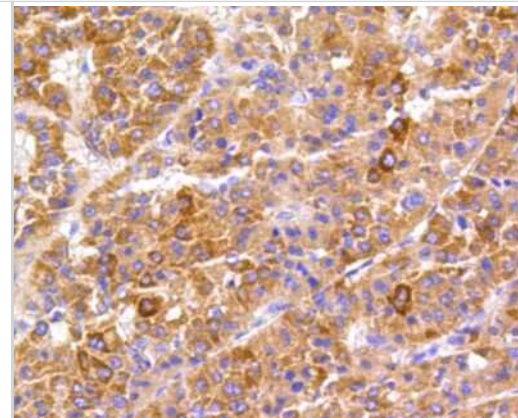


Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded mouse spleen tissue using anti-FAK antibody. Counter stained with hematoxylin.

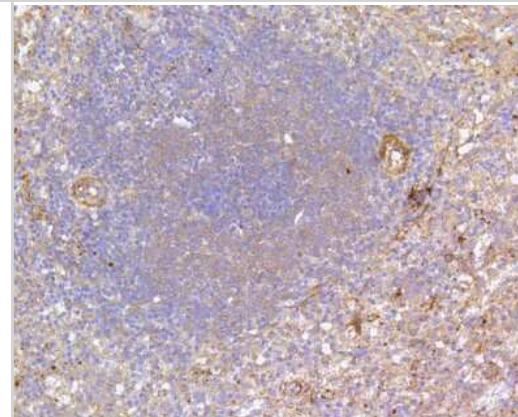




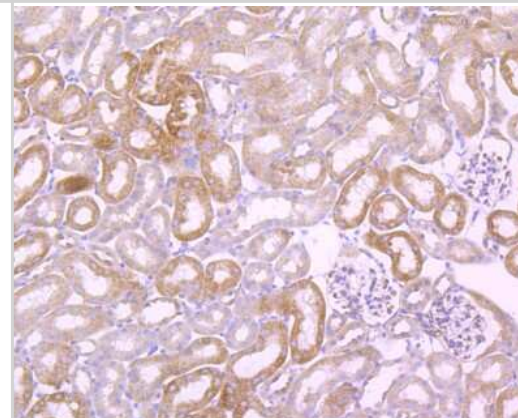
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]  
 - Analysis of paraffin-embedded human liver cancer tissue using anti-FAK antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]  
 - Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]  
 - Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



## Publications

Mitra D, Bhattacharyya S, Alam N et al. Phosphorylation of EphA2 receptor and vasculogenic mimicry is an indicator of poor prognosis in invasive carcinoma of the breast Breast Cancer Res. Treat. 2019-11-04 [PMID: 31686261]



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### **Products Related to NBP2-67327**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-84750PEP	FAK Recombinant Protein Antigen

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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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