

# Product Datasheet

## **Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free** **NBP3-20093-0.2mg**

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP3-20093-0.2mg**

Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free

| Product Information |                                                                                |
|---------------------|--------------------------------------------------------------------------------|
| Unit Size           | 0.2 mg                                                                         |
| Concentration       | 1 mg/ml                                                                        |
| Storage             | Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C. |
| Clonality           | Monoclonal                                                                     |
| Clone               | SAIC-14C-10F12                                                                 |
| Preservative        | 0.02% Proclin 300                                                              |
| Isotype             | IgG Kappa                                                                      |
| Purity              | Protein A purified                                                             |
| Buffer              | PBS                                                                            |

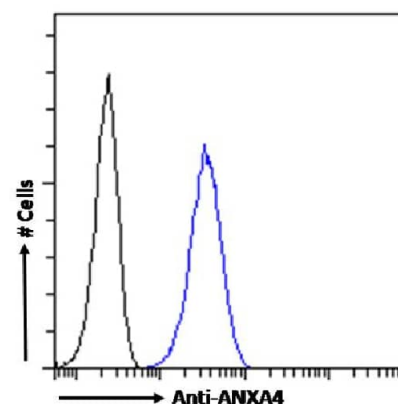
| Product Description |                                                                                                                                                                                                                                                           |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description         | Novus Biologicals Rabbit Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free (NBP3-20093) is a recombinant monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host                | Rabbit                                                                                                                                                                                                                                                    |
| Gene ID             | 307                                                                                                                                                                                                                                                       |
| Gene Symbol         | ANXA4                                                                                                                                                                                                                                                     |
| Species             | Human                                                                                                                                                                                                                                                     |
| Immunogen           | Peptide "DEGNYLDDALVR" derived from Annexin A4 conjugated to KLH.                                                                                                                                                                                         |

| Product Application Details |                                                                                                |
|-----------------------------|------------------------------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Mass Spectrometry |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence, Mass Spectrometry |
| Application Notes           | This Ab can be used in immunoMRM.                                                              |

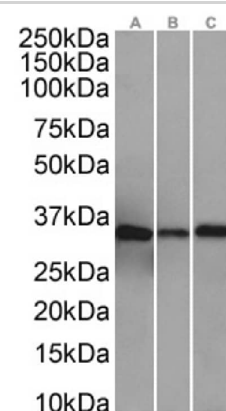


## Images

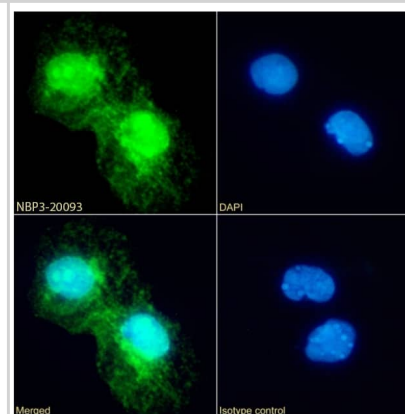
**Flow Cytometry:** Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free [NBP3-20093] - Paraformaldehyde fixed HepG2 cells permeabilized with 0.5% Triton were stained with anti-unknown specificity antibody (isotype control, black line) or the rabbit IgG version of SAIC-14C-10F12 (NBP3-20093, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor(R) 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



**Western Blot:** Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free [NBP3-20093] - HepG2(A) (0.001ug/ml), A431(B) (0.001ug/ml), and HeLa(C) (0.01ug/ml) cell lysates (35ug protein in RIPA buffer) were resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of SAIC-14C-10F12 (NBP3-20093), before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.



**Immunocytochemistry/Immunofluorescence:** Annexin A4 Antibody (SAIC-14C-10F12) - Azide and BSA Free [NBP3-20093] - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells permeabilized with 0.15% Triton stained with the chimeric rabbit IgG version of SAIC-14C-10F12 (NBP3-20093) (1:100 dilution) for 1h followed by Alexa Fluor(R) 488 secondary antibody (1:1000 dilution), showing nuclear and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show from left-right, top-bottom NBP3-20093, DAPI, merged channels and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor(R) 488 secondary antibody.





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### **Products Related to NBP3-20093-0.2mg**

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|               |                                                     |
|---------------|-----------------------------------------------------|
| HAF008        | Goat anti-Rabbit IgG Secondary Antibody [HRP]       |
| NB7160        | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP1-90151PEP | Annexin A4 Recombinant Protein Antigen              |
| 210-TA-005    | TNF-alpha [Unconjugated]                            |

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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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