

Product Datasheet

INSTA-Blot Human Cell Lines

NBP2-30114

Unit Size: 1 Membrane

Store at room temperature.

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NBP2-30114**INSTA-Blot Human Cell Lines****Product Information**

Unit Size	1 Membrane
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at room temperature.

Product Description

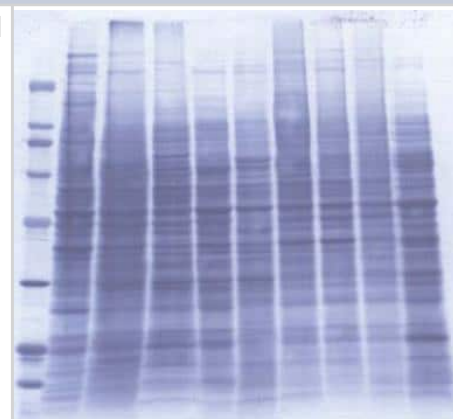
Description	Please see online datasheet for lane details: www.novusbio.com/NBP2-30114
Species	Human
Reactivity Notes	Human reactivity reported in scientific literature (PMID: 24842606)
Preparation Method	INSTA-Blot® Human Cell Lines NBP2-30114 contains denatured proteins from human cell line lysates (See Cell Lysate Preparation) loaded at 20 ug (total protein, Bradford Assay) per lane on a 4-20% Tris-Glycine mini gel. After resolution by SDS-PAGE at 125V for 1 hour the proteins are electro-blotted for 2 hours at 25V onto a PVDF membrane. The membrane is stained with amido black for visualization of proteins, dried and packaged under anoxic conditions. The INSTA-Blot is sold ready-to-use in your western blot protocol.
Notes	Mark12 is used as the molecular weight marker for this product.

Product Application Details

Applications	Western Blot
Recommended Dilutions	Western Blot reported in scientific literature (PMID 24842606)
Application Notes	Human cell lines are lysed in 1X lysis buffer (10 mM Tris, pH 8.0, 130 mM NaCl, 1% Triton X-100, 10 mM NaF, 10 mM NaPi, 10mM NaPPI) containing Protease Inhibitor Cocktail (PIC) and PMSF. Prior to SDS-PAGE the cell lysate is resuspended 1:1 with 2X SDS sample buffer (120 mM Tris-Hcl [pH 6.8], 20 mM EDTA, 4% SDS, 0.06% Bromophenol Blue, 20% glycerol, 0.4% B-mercaptoethanol). Use in Western blot reported in scientific literature (PMID: 24842606)

Images

Western Blot: INSTA-Blot Human Cell Lines [NBP2-30114] - Human Cell Lines. Approximately 20 ug per lane of human cell line lysates are resolved by SDS-PAGE, transferred onto PVDF membrane and stained with amido black. Lanes: 1. Molecular weight marker (Mark12); 2. HeLa; 3. Jurkat; 4. Daudi; 5. HEK 293; 6. Rh30; 7. A375; 8. T98G; 9. HCT-116; 10. Hep-2.



Publications

Hayashi Reiko, Goto Yuya, Ikeda Ryuji et al. CDCA4 is an E2F transcription factor family-induced nuclear factor that regulates E2F-dependent transcriptional activation and cell proliferation. J Biol Chem. 2006-11-24 [PMID: 16984923] (WB, Human)

Tai TT, Mu A, Adachi Y et al. Neurotransmitter transporter family including SLC6A6 and SLC6A13 contributes to the 5-aminolevulinic acid (ALA)-induced accumulation of protoporphyrin IX and photo-damage, through uptake of ALA by cancerous cells. Photochem. Photobiol. 2014-05-20 [PMID: 24842606] (WB, Human)

Details:

The Human Cell Line Blot was used to probe for SLC6A6 and SLC6A13 protein expression, Fig 5.

Takahashi A, Tokita H, Takahashi K et al. A novel potent tumour promoter aberrantly overexpressed in most human cancers. Sci Rep. 2011-01-01 [PMID: 22355534] (WB, Human)

Details:

INSTA-Blot Human Cell Lines (IMB-105). WB: The membrane was probed with the FEAT antibody, Fig 2A.



Procedures

MSDS for Non Hazardous Product (NBP2-30114)

INSTA-Blot Human Cell Lines:

Material Safety Data Sheet for Non Hazardous Products

Hazard Information

Chemical Name: Non hazardous products.

Chemical Formula: N/A

CAS Number: N/A

EEC-No: N/A

Hazard Identification

None

First Aid Measures

Eye Contact: None

Skin Contact: None

Inhalation: None

Ingestion: None

Accidental Release Measures

This product either does not contain hazardous constituents or the concentration of all chemical constituents are below the regulatory threshold limits described by Occupational Safety Health Administration Hazard Communication Standard 29 CFR 1910.1200 and the European Directive 91/155/EEC. 88/379/EEC, and 67/546/EEC.

Handling and Storage

Exposure Controls / Personal Protection

Other Precautions: None

Physical and Chemical Properties

Form: N/A

Color: N/A

Odor: N/A

Melting Point: N/A

Boiling Temperature: N/A

Density: N/A

Vapor Pressure: N/A

Solubility in Water: N/A

Flash Point: N/A

Explosion limits: N/A

Ignition Temperature: N/A





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Western Blot Membranes are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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