

# Product Datasheet

## INSTA-Blot Mouse Tissues

### NBP2-30111

Unit Size: 1 Membrane

Store at room temperature.

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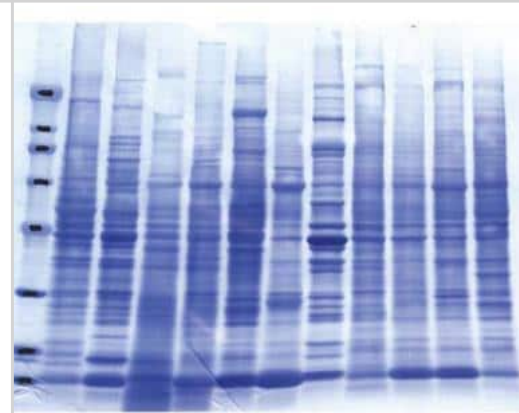


**NBP2-30111****INSTA-Blot Mouse Tissues**

<b>Product Information</b>	
<b>Unit Size</b>	1 Membrane
<b>Concentration</b>	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
<b>Storage</b>	Store at room temperature.
<b>Product Description</b>	
<b>Description</b>	Please see online datasheet for lane details: <a href="http://www.novusbio.com/NBP2-30111">www.novusbio.com/NBP2-30111</a>
<b>Preparation Method</b>	INSTA-Blot™ Mouse Tissues NBP2-30111 contains denatured proteins from mouse lysates 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.
<b>Notes</b>	Mark12 is used as the molecular weight marker for this product.
<b>Product Application Details</b>	
<b>Applications</b>	SDS-Page
<b>Recommended Dilutions</b>	SDS-Page
<b>Application Notes</b>	Tissues are from Balb/c mice. Tissues are lysed in lysis buffer (10 mM Tris, pH 8.0, 130 mM NaCl, 1% Triton X-100, 10 mM NaF, 10mM NaPi, 10 mM NaPPi) containing Protease Inhibitor Cocktail(PIC) and PMSF. Prior to SDS-PAGE the tissue lysate is resuspended 1:1 with 2X SDS sample buffer (120 mM Tris-HCl [pH6.8], 20 mM EDTA, 4% SDS, 0.06% Bromophenol Blue, 20%glycerol, 0.4% B-mercaptoethanol).

**Images**

SDS-Page: INSTA-Blot Mouse Tissues [NBP2-30111] - Mouse Tissues. Approximately 20 ug per lane of different mouse tissue lysates are resolved by SDS-PAGE, transferred onto PVDF membrane and stained with amido black. Lanes: 1. Molecular weight marker (Mark12); 2. Brain; 3. Heart; 4. Small Intestine; 5. Kidney; 6. Liver; 7. Lung; 8. Muscle; 9. Stomach; 10. Spleen; 11. Ovary; 12. Testis



## Publications

Huber C, Martensson A, Bokoch GM et al. FGD2, a CDC42-specific exchange factor expressed by antigen-presenting cells, localizes to early endosomes and active membrane ruffles. J Biol Chem. 2008-12-05 [PMID: 18838382] (WB)

### Details:

Choline transport for phospholipid synthesis. Michel V, Z Yuan, S Ramsbir, M Bakovic. Exp Bio Med 231:490-504 (2006). IMGENEX products cited for WB (Fig 4): INSTA-Blot(TM) Human Tissue (IMB-103) INSTA-Blot(TM) Mouse Tissue (IMB-101)

Yuan Z, Wagner L, Poloumienko A et al. Identification and expression of a mouse muscle-specific CTL1 gene. Gene. 2004-10-27 [PMID: 15474312]

Miura K, Imaki J. Molecular cloning of Ebitein1: a novel extracellular signal-regulated kinase 2-binding protein in testis. Biochem Biophys Res Commun. 2008-04-04 [PMID: 18241670]

### Details:

Fig. 3B.



## Procedures

### MSDS for Non Hazardous Product (NBP2-30111)

INSTA-Blot Mouse Tissues:

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.

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