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Data Sheet

Ready-to-Use Monkey Rhesus Multiple Tissue Western Blot

Catalog #: UW-MT-1

Quantity: 1 blot

Storage Conditions: Store in a sealed bag at 4°C. It is good for several months.

Applications: Monkey Multiple tissue Western blot can be used to:

- Analyze protein expression pattern in 15 different cynomolgus monkey tissues simultaneously.
- Determine size and relative abundance of specific protein in different tissues

Quality Control: Every step of preparation of the blot, from harvesting tissues and extraction of protein to the blotting, is carefully monitored to ensure the superior quality and performance.

- Blot is made from high quality tissue lysates that is treated with a cocktail of mammalian protease inhibitors. The quality of protein as indicated by the absence of smear (no degradation) and sharpness and resolution of protein bands is verified by denatured SDS-PAGE with Coomassie blue staining.
- The efficiency of transfer is routinely checked by staining proteins on the membrane with reversible Ponceau staining.
- The integrity of the blotted protein is tested by immunoblotting of β -actin.

Description: The total protein (tissue lysate; 75 μ g each) was extracted from freshly dissected Rhesus monkey tissues in lysis buffer containing a cocktail of 6 mammalian protease inhibitors, fractionated through standard (20x20cm) 12% SDS-denaturing polyacrylamide gel electrophoresis (SDS-PAGE), and blotted onto PVDF membrane.

To determine the size of the specific protein, a pre-stained molecular size protein marker is included in each blot. The protein bands are 250 KD, 150KD, 100 KD, 75 KD, 50 KD, 37 KD, 25 KD, 20 KD, 15 KD, and 10KD.

Tissues on the blot: Tissue lysates were loaded in the following order from the marker: (1) Brain, (2) stomach, (3) intestine, (4) colon, (5) liver, (6) lung (7) kidney, (8) Heart, (9) ovary, (10) skeletal muscles, (11) spleen, (12) testis, (13) thymus, (14) skin, and (15) pancreas.

Prior to Use: Immerse blot in 100% methanol for few seconds then in water for 2 minutes before blocking the membrane. If blot is accidentally dry and showing white spots, immerse in methanol then in water.

Note:

There is no absolute assurance that products derived from monkey biological materials will not transmit infectious diseases. Employ appropriate universal precautions when using monkey derived materials. Useful information for handling human tissues is cited in this paper:

Grizzle W.E. and Polt S.S. (1998) Guidelines to avoid personnel contamination by infective agents in research laboratories that use human tissues. J. Tissue Culture Methods. 11:191-199.

Intended use of the products: All products sold by AMSBIO are intended for research use only and must not be used for medical diagnostic or drug purposes. AMSBIO products may not resell, modified for resale or used to manufacture commercial products without written approval from AMSBIO.

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