

Product: Anti-Synaptopodin
Catalog #: 03-61094
Amount: 200 µl

CATEGORY: Mouse monoclonal
IMMUNOGLOBULIN CLASS: IgG1
IMMUNOGEN: Isolated rat kidney glomeruli
FORM: Affinity Purified, in PBS (pH 7.4) containing 0.5% protein stabilizer, and 0.09% sodium azide
DESCRIPTION/SPECIFICITY: 1) The antibody recognizes differentiated podocytes (glomerular visceral epithelial cells) in vivo and in vitro. Weaker reaction with arterial endothelial cells. It does not react with parietal cells.
2) It reacts with a subset of exclusively telencephalic synapses. Differentiation-dependent expression during postnatal maturation of rat brain. Differentiation-dependent expression in cultured hippocampal neurons.
ANTIGEN RECOGNIZED: 100/110 prolin-rich actin-associated protein of podocytes and a subset of telencephalic postsynaptic densities.
ANTIGEN RECOGNIZED IN SPECIES: Human, bovine, rat, mouse, guinea pig, gerbil; negative with rabbit, frog, chicken.
APPLICATION: Immunohistochemistry on frozen and paraffin embedded sections.
Immunoblotting (Western)
Immunofluorescence
INCUBATION TIME: 1 hour at room temperature for IHC
WORKING DILUTION: 1:10 for immunocytochemistry
STORAGE: 2-8°C for immediate use, or at -20°C (aliquot)

REFERENCES:

1. Mundel, P. et al. (1991) J. Histochem & Cytochem **39 No.8:** 1047-1056
2. Mundel, P. & Kritz, W. (1995) Anat. Embryol. **192:** 385-397
3. Mundel, P. et al. J Am Soc Nephrol **8:** 8978-705
4. Mundel, P. et al. (1997) J. Cell Biol. **139(1):** 193-204
5. Mundel, P. et al. (1997) Exp. Cell Res (in press)

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