

Mouse anti-Human Protein Gene Product 9.5, clone 31A3 (Monoclonal)

Clone no. 31A3

MONOSAN

Product name	Mouse anti-Human Protein Gene Product 9.5, clone 31A3 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-P, WB
Species reactivity	human, rat, rabbit, pig
Conjugate	-
Immunogen	Native, from brain
Isotype	IgG1
Clonality	Monoclonal
Clone number	31A3
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human Protein Gene Product 9.5 antibody, clone 31A3 recognizes protein gene product 9.5 (PGP9.5), a ubiquitin hydrolase which is widely expressed in neuronal tissues and represents 1-2% of total soluble brain proteins. PGP9.5, also known as ubiquitin C-terminal hydrolase 1 (UCHL-1), is involved in the regulation of the ubiquitin pathway. Mouse anti Human Protein Gene Product 9.5 antibody, clone 31A3 stains neuronal cell bodies and axons in the CNS and periphery, small nerve fibres in peripheral tissues, neuroendocrine cells in the pituitary, thyroid, pancreas and tumours of the DNES.

References

1. Wilson PO et al. Br J Exp Pathol 1988; 69: 91-104
2. Nonclercq D et al. Histochem J 2002; 34: 487-97
3. Mihara H et al. J Neurosci 2010; 30: 16536-44
4. Bishop P et al. J Biol Chem 2014; 289: 36140-9
5. Silva I et al. J Urol 2015; 194: 1146-54

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