Mouse monoclonal antibody to 14.3.3 protein eta [3G12]: Purified

Catalogue No.:	M-1572-100
Description:	14.3.3 protein eta or 14.3.3 binds to a large number of partners, usually by recognition of a phosphoserine or phosphothreonine motif. Binding generally results in the modulation of the activity of the binding partner (Ref SwissProt). 14.3.3 protein eta is widely expressed as both homodimers and heterodimers and are concentrated in the nervous system. High concentrations of 14.3.3 protein eta have been linked to Creutzfeld Jacob Disease, Parkinson's Disease and early-onset schizopherenia.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Full length recombinant 14.3.3 protein eta expressed in and purified from E. coli.
Antibody Type:	monoclonal
Isotype:	IgG
Clone:	3G12
Other Names:	14.3.3 ; Protein AS1; YWHAH; YWHA1; tyrosine 3-monooxygenase; tryptophan 5-monooxygenase activation protein 1;
Accession:	Q04917 1433F_HUMAN;
Produced in:	Mouse
Applications:	WB, IHC/IF. Suggested dilution of 1:500-1:1,000 for IHC/IF. Suggested dilution of 1:1,000-1:5,000 for WB. A suitable control tissue is rat spinal cord or peripheral nerve homogenate.
Cross-reactivity:	Human; rat
Form:	Lyophilised with 5% trehalose
Reconstitution:	Reconstitute in sterile distilled water. Centrifuge to remove any insoluble material.
Storage:	After reconstitution of lyophilised antibody, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

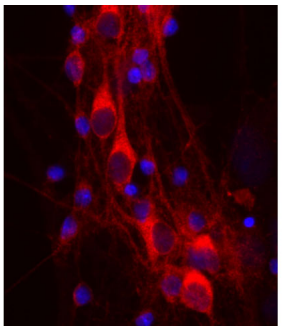

Image shows rat mixed neuron/glial cultures stained with Mouse monoclonal antibody to 14.3.3 protein eta M-1572-100 antibody (red). Neuronal perikarya are very rich in 14.3.3 protein eta which has a diffuse cytoplasmic staining pattern. Blue is a DNA stain.

51 West Thebarton Road • Thebarton • South Australia 5031
Telephone + 61(0)8 8352 7711 • Email sales@biosensis.com • www.biosensis.com