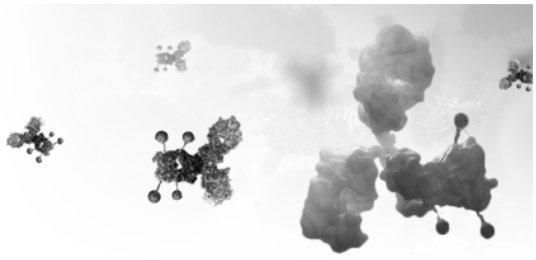

Chimeric Mouse Anti-Human MANF antibody monoclonal antibody, clone 4E5 (CABT-L2772)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant monoclonal antibody to human MANF (chicken-mouse IgG2a chimeric antibody)
Specificity	This antibody react with Human MANF
Target	Human MANF antibody
Immunogen	Recombinant human MANF protein produced using CHO-based Creative Diagnostiscs proprietary suspension cell line. Immunogen is purified from cell culture supernatant
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4E5.
Purification	MabSelect affinity chromatography
Conjugate	Unconjugated
Applications	ELISA, IF, IHC-C
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	PBS, pH 7.4

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Preservative	0.1% Sodium Azide
Storage	Store at -20 or -70°C upon receipt. Divide antibody into aliquots prior usage. Avoid multiple freeze-thaw cycles.
Ship	This product is shipped in non-frozen liquid form in ambient conditions

BACKGROUND

Introduction	MANF is a trophic factor for midbrain dopamine neurons in vivo. It prevents the 6-OHDA-induced degeneration of dopamine neurons in rodent models of Parkinson's disease (Lindholm et al., 2008, Voutilainen et al., 2009). When administered after 6-OHDA-lesioning it restores the dopaminergic function and prevents degeneration of dopamine neurons in substantia nigra pars compacta
Keywords	MANF;mesencephalic astrocyte-derived neurotrophic factor;ARP;ARMET;arginine-rich, mutated in early stage tumors;

GENE INFORMATION

Official Symbol	mesencephalic astrocyte-derived neurotrophic factor
Synonyms	MANF; mesencephalic astrocyte-derived neurotrophic factor; ARP; ARMET; arginine-rich, mutated in early stage tumors;
Entrez Gene ID	7873
Protein Refseq	NP_006001
UniProt ID	P55145
Chromosome Location	3p21.1
Function	growth factor activity; poly(A) RNA binding;

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