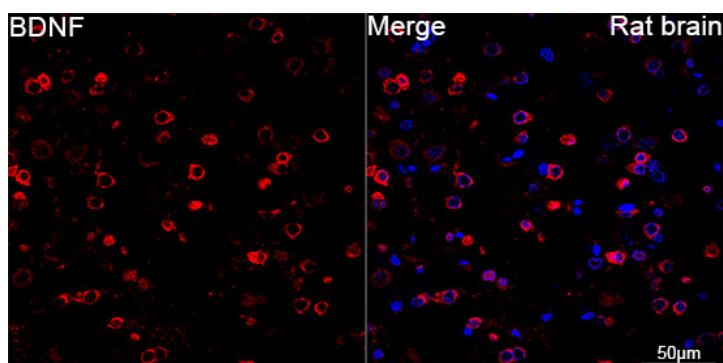


Product name:	BDNF Rabbit mAb
Cat number:	AB4873
Conjugate:	Unconjugated
Size:	100 ug
Clone:	ARC0303
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human BDNF (P23560).
Reactivity:	Human,Mouse,Rat
Applications:	IF/ICC,1:50 - 1:200
Molecular Weight:	15kDa/28kDa
Purification:	Affinity purification
Form:	liquid
Buffer:	PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Background:	This gene encodes a member of the nerve growth factor family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protein. Binding of this protein to its cognate receptor promotes neuronal survival in the adult brain. Expression of this gene is reduced in Alzheimer's, Parkinson's, and Huntington's disease patients. This gene may play a role in the regulation of the stress response and in the biology of mood disorders.



Confocal imaging of paraffin-embedded Rat brain using BDNF Rabbit mAb followed by a further incubation with Cy3 Goat Anti-Rabbit IgG .DAPI was used for nuclear staining . Objective: 40x. Perform microwave antigen retrieval with 0.01 M citRate buffer prior to IF staining.