

NEUROG2 Conjugated Antibody

Catalog No: #C37185



Package Size: #C37185-AF350 100ul #C37185-AF405 100ul #C37185-AF488 100ul
 #C37185-AF555 100ul #C37185-AF594 100ul #C37185-AF647 100ul
 #C37185-AF680 100ul #C37185-AF750 100ul #C37185-Biotin 100ul

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Description

Product Name	NEUROG2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total NEUROG2 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human neurogenin 2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	NGN2, Atoh4, ngn-2, Math4A, bHLHa8
Accession No.	Swiss-Prot#:Q9H2A3NCBI Gene ID:63973NCBI Protein#:NP_006152
Uniprot	Q9H2A3
GeneID	63973;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

This gene encodes a neural-specific basic helix-loop-helix (bHLH) transcription factor that can specify a neuronal fate on ectodermal cells and is expressed in neural progenitor cells within the developing central and peripheral nervous systems. The protein product of this gene also plays a role in the differentiation and survival of midbrain dopaminergic neurons.

Note: This product is for in vitro research use only