

Product Datasheet

APC Antibody (CC-1) NB600-1021

Unit Size: 0.05 mg

Store at 4C. Do not freeze.

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NB600-1021

APC Antibody (CC-1)

Product Information	
Unit Size	0.05 mg
Concentration	0.1 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	CC-1
Preservative	0.1% Sodium Azide
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	50mM Sodium Phosphate and 0.2% Gelatin
Product Description	
Host	Mouse
Gene ID	324
Gene Symbol	APC
Species	Human, Mouse, Rat, Feline
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions. Feline reactivity per customer review. Mouse reactivity published (30026565). Feline reactivity reported in scientific literature (PMID:33091431).
Specificity/Sensitivity	This has been shown to detect oligodendrocytes and astrocytes.
Immunogen	Recombinant protein consisting of amino acids 1-226 of APC
Product Application Details	
Applications	Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry 1:10-1:500, Immunocytochemistry/Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Immunohistochemistry-Frozen 1:10-1:500



Publications

Needham BD, Funabashi M, Adame MD et al. A gut-derived metabolite alters brain activity and anxiety behaviour in mice *Nature* 2022-02-01 [PMID: 35165440] (IHC-FrFl, Mouse)

Bizen N, Bepari AK, Zhou L et al. Ddx20, an Olig2 binding factor, governs the survival of neural and oligodendrocyte progenitor cells via proper Mdm2 splicing and p53 suppression *Cell death and differentiation* 2022-01-01 [PMID: 34974536] (IF/IHC, Mouse)

Simankova A, Bizen N, Saitoh S et al. Ddx20, DEAD box helicase 20, is essential for the differentiation of oligodendrocyte and maintenance of myelin gene expression *Glia* 2021-07-07 [PMID: 34231259] (IF/IHC)

Oikawa K, Teixeira LBC, Keikhosravi A et al. Microstructure and resident cell-types of the feline optic nerve head resemble that of humans *Exp Eye Res* 2020-10-19 [PMID: 33091431] (ICC/IF, Feline)

NakaYama H, Abe M, Morimoto C et al. Microglia permit climbing fiber elimination by promoting GABAergic inhibition in the developing cerebellum. *Nat Commun.* 2018-07-19 [PMID: 30026565] (IF/IHC, Mouse)





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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