

Anti-Tyrosine Hydroxylase Recombinant Chicken Chimeric mAb FL594 Conjugate



Product Details

Available Variants	200 µL (SKU:78-700-FL594)
Conjugate	594
Isotype	IgY
Clone	LNC1
Gene Name	TH TYH EC 1.14.16.2
Host Species	Chicken
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by affinity chromatography
Physical State	Liquid
Buffer	1X PBS, 0.05% Sodium Azide pH 7.4
Production Notes	This recombinant antibody is a chimeric antibody created by replacing the mouse heavy and light constant regions of clone LNC1 with chicken IgY heavy and light constant regions. As such this antibody retains the same binding performance as the original clone LNC1 but can be detected using standard anti-chicken secondary antibodies allowing flexibility for multiplexing applications. This antibody is expressed recombinantly in mammalian cells and then affinity purified from the cell culture media and conjugated.
Applications	ICC, IHC
Immunogen	Tyrosine Hydroxylase purified from PC12 cells
Specificity	Recognizes an epitope outside of the regulatory N-terminus. Recognizes a protein of approximately 59-61 kDa by Western blot. Does not react with the following on Western Blots: purified dopamine-beta-hydroxylase, phenylalanine hydroxylase, tryptophan hydroxylase, dehydropteridine reductase, sepiapterin reductase or phenethanolamine-N-methyl transferase (PNMT). Identifies a

single ~60 kDa band on Western Blots of HeLa cells transfected to express human tyrosine hydroxylase.

Molecular Weight	59-63 kDa
Storage	Aliquot and store at $\leq -20^{\circ}\text{C}$ for long term storage. For short term storage, store at $2-8^{\circ}\text{C}$. For maximum recovery of product, centrifuge the vial prior to removing the cap.
UniProt ID	<u>P07101</u>
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.

Product Images



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