

Basic Information

Product Name	Anti-CHRNA3 DyLight 550 Conjugated Antibody
Gene Name	CHRNA3
Source	Rabbit
Clonality	Polyclonal
Isotype	IgG
Species Reactivity	human
Tested Application	FCM
Contents	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ .
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human CHRNA3, which shares 97.4% and 94.7% amino acid (aa) sequence identity with mouse and rat CHRNA3, respectively.
Fluorophores	Amax=562nm; Emax=576nm
Conjugate	Dylight 550
Concentration	500ug/ml
Purification	Immunogen affinity purified.
Dilution Ratios	Flow cytometry (FCM):1-3 µg/1x10 ⁶ cells

Storage

At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.

Background Information

Neuronal acetylcholine receptor subunit alpha-3, also known as nAChRα3, is a protein that in humans is encoded by the CHRNA3 gene. This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described.

Product datasheet

**Anti-CHRNA3 DyLight 550 Conjugated
Antibody**

Catalog Number: A01981-Dyl550

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Selected Validation Data

暂无图片