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BOSTER BIOLOGICAL TECHNOLOGY
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Anti-MSLNL Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A17693-Fluoro594

About MSLNL

Loss of gene function is implicated in the emergence of novel phenotypes during organism evolution. Human MSLNL has a nonsense mutation in exon 10 and two polymorphic mutations: a frameshift in exon 3 and a nonsense codon in exon 8. The gorilla gene also shows multiple deleterious mutations, including a premature stop codon, a deletion, and a splice site mutation. Molecular evolutionary analysis indicated relaxed selection pressure on MSLNL in African great ape lineages, which suggested that MSLNL might have become inactivated before the divergence of human, chimpanzee and gorilla. The mouse Mslnl gene is highly expressed in olfactory epithelium and moderately expressed in several other tissues. We propose that the loss of MSLNL may be associated with the evolution of the olfactory system in African great apes including human.

Overview

Product Name	Anti-MSLNL Antibody Picoband® Fluoro594 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	Q96KJ4

Technical Details

Immunogen	E.coli-derived human MSLNL recombinant protein (Position: Q65-H423).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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For Research Use Only. Not for use in diagnostic procedures.