

Anti-Human ARSA DyLight® 488 conjugated Antibody(monoclonal, 4C10)

Catalog Number: M02583-Dyl488

About ARSA

Arylsulfatase A (ARSA) is an enzyme that breaks down sulfatides, namely cerebroside 3-sulfate into cerebroside and sulfate. In humans, arylsulfatase A is encoded by the ARSA gene. ARSA is mapped to 22q13.33. The protein encoded by this gene hydrolyzes cerebroside sulfate to cerebroside and sulfate. Defects in this gene lead to metachromatic leucodystrophy (MLD), a progressive demyelination disease which results in a variety of neurological symptoms and ultimately death. Alternatively spliced transcript variants have been described for this gene.

Overview

Product Name	Anti-Human ARSA DyLight® 488 conjugated Antibody(monoclonal, 4C10)
Reactive Species	Human
Description	Boster Bio Anti-Human ARSA DyLight® 488 conjugated Antibody (monoclonal, 4C10) catalog # M02583-Dyl488. Tested in Flow Cytometry applications. This antibody reacts with Human.
Conjugate	DyLight®488
Application	Flow Cytometry
Clonality	Monoclonal 4C10
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Mouse
Uniprot ID	P15289

Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human ARSA, different from the related mouse sequence by six amino acids.
Predicted Reactive Species	Human
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Mouse IgG2a
Form	Liquid
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

Boster Bio's internal QC testing used:

Flow Cytometry, 1-3ug/1x10⁶ cells

Anti-Human ARSA DyLight® 488 conjugated Antibody(monoclonal, 4C10) (M02583-Dyl488) Images



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