



Mouse anti-Human RDH12 monoclonal antibody, clone 2F22 (CABT-B9521)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	RDH12 (NP_689656.1, 217 a.a. ~ 316 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a, κ
Source/Host	Mouse
Species Reactivity	Human
Clone	2F22
Purification	Protein A
Conjugate	Unconjugated
Applications	ELISA, ICC, IF
Format	Liquid
Size	100 µg
Buffer	PBS, pH 7.4
Preservative	no preservative
Storage	-20°C, Avoid Freeze/Thaw Cycles

BACKGROUND

Introduction The protein encoded by this gene is an NADPH-dependent retinal reductase whose highest

activity is toward 9-cis and all-trans-retinol. The encoded enzyme also plays a role in the metabolism of short-chain aldehydes but does not exhibit steroid dehydrogenase activity. Defects in this gene are a cause of Leber congenital amaurosis type 3 (LCA3). [provided by RefSeq, Jul 2008]

Keywords

RDH12; retinol dehydrogenase 12 (all-trans/9-cis/11-cis); LCA3; RP53; LCA13; SDR7C2; retinol dehydrogenase 12; all-trans and 9-cis retinol dehydrogenase; retinol dehydrogenase 12, all-trans and 9-cis; short chain dehydrogenase/reductase family 7C, member 2;

GENE INFORMATION

Entrez Gene ID [145226](#)

UniProt ID [Q96NR8](#)
