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KD-Validated Anti-MLD Rabbit Monoclonal Antibody

Rabbit monoclonal antibody
Catalog # AGI1575

Product Information

Application	WB, FC, ICC
Primary Accession	O15121
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	23GB 1215
Calculated MW	37866
Gene Name	DEGS1
Aliases	DEGS1; Delta 4-Desaturase, Sphingolipid 1; DES1; MLD; DEGS-1; FADS7; Cell Migration-Inducing Gene 15 Protein; Sphingolipid Delta(4)-Desaturase DES1; Sphingolipid Delta(4)-Desaturase 1; Dihydroceramide Desaturase 1; Membrane Lipid Desaturase; Retinol Isomerase; Des-1; Degenerative Spermatocyte Homolog 1, Lipid Desaturase (Drosophila); Degenerative Spermatocyte Homolog 1, Lipid Desaturase; Degenerative Spermatocyte Homolog, Lipid Desaturase; Membrane Fatty Acid (Lipid) Desaturase; Degenerative Spermatocyte Homolog 1; Migration-Inducing Gene 15 Protein; Sphingolipid Delta 4 Desaturase; Dihydroceramide Desaturase-1; EC 1.14.19.17; EC 5.2.1.-; HLD18; MIG15; DES-1; DEGS
Immunogen	A synthesized peptide derived from human MLD

Additional Information

Gene ID	8560
Other Names	Sphingolipid delta(4)-desaturase DES1, 1.14.19.17, Cell migration-inducing gene 15 protein, Degenerative spermatocyte homolog 1, Dihydroceramide desaturase-1, Membrane lipid desaturase, Retinol isomerase, 5.2.1.-, DEGS1 (HGNC:13709), DES1, MLD

Protein Information

Name	DEGS1 (HGNC:13709)
Synonyms	DES1, MLD
Function	Has sphingolipid-delta-4-desaturase activity. Converts D-erythro-sphinganine to D-erythro-sphingosine (E-sphing-4-enine) (PubMed:11937514, PubMed:30620337, PubMed:30620338). Catalyzes the equilibrium isomerization of retinols (By similarity).
Cellular Location	Mitochondrion membrane. Endoplasmic reticulum membrane; Multi-pass membrane protein

Tissue Location	Ubiquitous..

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.