



Mouse anti-Human ESD monoclonal antibody, clone 2F2 (CABT-B10205)

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

PRODUCT INFORMATION

Immunogen	ESD (NP_001975, 183 a.a. ~ 282 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	2F2
Conjugate	Unconjugated
Applications	WB, sELISA, ELISA
Sequence Similarities	WGKKAFSGYLGTDQSKWKAYDATHLVKSYPGSQLDILIDQGKDDQFLLDGQLLPDNFIAA CTEKKIPVVFRQLQEGYDHSYYFIATFITDHIRHHAKYLN*
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	This gene encodes a serine hydrolase that belongs to the esterase D family. The encoded enzyme is active toward numerous substrates including O-acetylated sialic acids, and it may be
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involved in the recycling of sialic acids. This gene is used as a genetic marker for retinoblastoma and Wilsons disease. [provided by RefSeq, Feb 2009]

Keywords ESD; esterase D; FGH; S-formylglutathione hydrolase; esterase 10; esterase D/formylglutathione hydrolase; methylumbelliferyl-acetate deacetylase;

GENE INFORMATION

Entrez Gene ID [2098](#)

UniProt ID [P10768](#)

Function S-formylglutathione hydrolase activity; carboxylesterase activity; hydrolase activity, acting on ester bonds
