

CES1 (AB3065) Rabbit mAb

M0635

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse, Rat

Applications

- WB, IF/ICC, ELISA

MW

- 63 kDa (calculated)
- 63 kDa (observed)

Isotype

- IgG

Recommended Dilution Ratios

Application

WB, IF/ICC, ELISA

Dilution

WB, 1:1000-1:6000 | IF/ICC, 1:100-1:1000 | ELISA, Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.02% sodium azide.

Basic Information

Clonality Monoclonal

Clone Number AB3065

Immunogen A synthetic peptide corresponding to a sequence within amino acids 1 - 100 of human CES1.

Specificity This antibody detects endogenous levels of CES1 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CES1

Protein Name CES1

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P23141	1066

Background

This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They may participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This enzyme is the major liver enzyme and functions in liver drug clearance. Mutations of this gene cause carboxylesterase 1 deficiency. Three transcript variants encoding three different isoforms have been found for this gene.