

Datasheet for ABIN7464214 **anti-ME1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	ME1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ME1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ME1. The exact sequence is proprietary.
Clone:	GT736
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein A.
Grade:	KO Validated

Target Details

Target:	ME1
Alternative Name:	malic enzyme 1 (ME1 Products)

Target Details

Background:	Malic enzyme 1 , HUMNDME , MES,This gene encodes a cytosolic, NADP-dependent enzyme that generates NADPH for fatty acid biosynthesis. The activity of this enzyme, the reversible oxidative decarboxylation of malate, links the glycolytic and citric acid cycles. The regulation of expression for this gene is complex. Increased expression can result from elevated levels of thyroid hormones or by higher proportions of carbohydrates in the diet. [provided by RefSeq]
Molecular Weight:	64 kDa
Gene ID:	4199
UniProt:	P48163
Pathways:	Regulation of Lipid Metabolism by PPARalpha

Application Details

Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: 293T , A431 , HeLa Validation: KO/KD
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.57 mg/mL
Buffer:	PBS, No Preservative
Preservative:	Without preservative
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.