Datasheet for ABIN518527
anti-OPA1 antibody (AA 851-960)

Overview

Quantity: 100 μg
Target: OPA1
Binding Specificity: AA 851-960
Reactivity: Human
Host: Mouse
Clonality: Monoclonal
Conjugate: This OPA1 antibody is un-conjugated
Application: ELISA

Product Details

Purpose: Mouse monoclonal antibody raised against a partial recombinant OPA1.
Immunogen: OPA1 (NP_056375, 851 a.a. ~ 960 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:
NHCNLCRRGF YYYQRHFVDS ELECNDVVLF WRIQRMLAIT ANTLRQQLTN TEVRRLEKNV KEVLEDFAED GEKKIKLLTG KRVQLAEDLK KVREIQEKLD AFIEALHQEK
Clone: 1C10
Isotype: IgG1 kappa
Cross-Reactivity: Human
Target Details

Target: OPA1

Alternative Name: OPA1 (OPA1 Products)

Background: Full Gene Name: optic atrophy 1 (autosomal dominant)
Synonyms: FLJ12460, KIAA0567, MGM1, NPG, NTG, largeG

Gene ID: 4976

NCBI Accession: NP_056375, NM_015560

Pathways: Tube Formation

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Product Quality tested by: Antibody Reactive Against Recombinant Protein.

Restrictions: For Research Use only

Handling

Buffer: In 1x PBS, pH 7.4

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images

ELISA

Image 1. Detection limit for recombinant GST tagged OPA1 is 1 ng/ml as a capture antibody.