OPA1 Monoclonal Antibody (1E8-1D9)

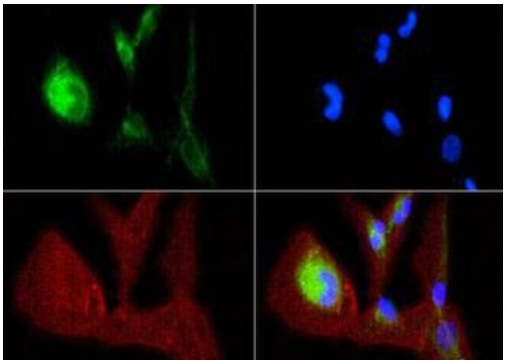
Product Details	
Size	100 µL
Species Reactivity	Hamster, Human, Mouse, Rat, Bovine
Published Species	Mouse
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	1E8-1D9
Conjugate	Unconjugated
Immunogen	Human OPA1.
Form	Liquid
Storage buffer	ascites
Contains	0.1% sodium azide
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_11153569

Applications	Tested	Dilution	Published
Western Blot (WB)	✓	1:1000	2 Publications
Immunocytochemistry (ICC)	✓	1:50	
Immunofluorescence (IF)	✓	1:50	
Immunohistochemistry (Paraffin) (IHC (P))	✓	1:100	

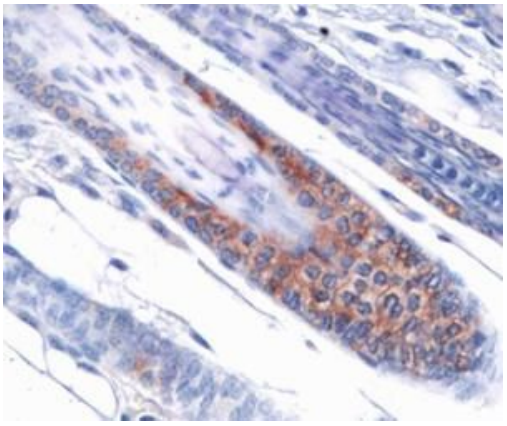
Product Specific Information

In Western blot, multiple protein isoforms can be seen at approximately 90, 80 and 65 kDa.

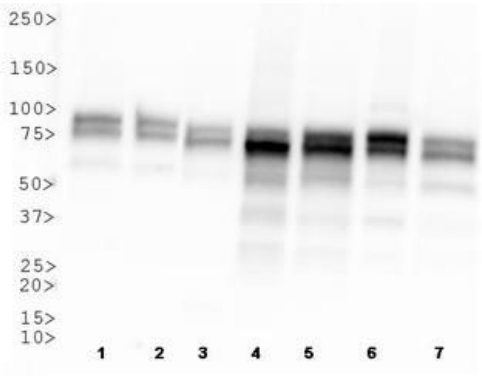
Product Images For OPA1 Monoclonal Antibody (1E8-1D9)



OPA1 Antibody (MA5-16149) in IF
Immunofluorescent analysis of OPA1 using a monoclonal antibody (Product # MA5-16149).



OPA1 Antibody (MA5-16149) in IHC
Immunohistochemical analysis of OPA1 using a monoclonal antibody (Product # MA5-16149).



OPA1 Antibody (MA5-16149) in WB
Western blot analysis of OPA1 using a monoclonal antibody (Product # MA5-16149).

2 References

Western Blot (2)

Journal of cell science

Ubiquitin-mediated regulation of the E3 ligase GP78 by MGRN1 in trans affects mitochondrial homeostasis.

"MA5-16149 was used in western blot to determine how mitochondrial homeostasis is affected by ubiquitin-mediated regulation of E3 ligase GP78 by MGRN1 in trans"

Authors: Mukherjee R,Chakrabarti O

Species
Not Applicable

Dilution
1:1000

Year
2016

Journal of applied physiology (Bethesda, Md. : 1985)

Mechanical ventilation triggers abnormal mitochondrial dynamics and morphology in the diaphragm.

"MA5-16149 was used in western blot to study the effect of diaphragm contractile inactivity on mitochondrial function."

Authors: Picard M,Azuelos I,Jung B,Giordano C,Matecki S,Hussain S,White K,Li T,Liang F,Benedetti A,Gentil BJ, Burelle Y,Petrof BJ

Species
Mouse

Dilution
Not Cited

Year
2015