

Datasheet for ABIN531978
anti-MYOD1 antibody (AA 180-189)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	100 µg
Target:	MYOD1
Binding Specificity:	AA 180-189
Reactivity:	Mouse
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MYOD1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant Myod1.
Immunogen:	Recombinant protein corresponding to amino acids 180-189 of mouse Myod1.
Clone:	5-8A
Isotype:	IgG
Cross-Reactivity:	Cat, Human, Mouse, Rat

Target Details

Target:	MYOD1
Alternative Name:	MYOD1 (MYOD1 Products)

Target Details

Gene ID: 17927

Pathways: [Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.05 % BSA, 0.05 % sodium azide)

Preservative: Sodium azide

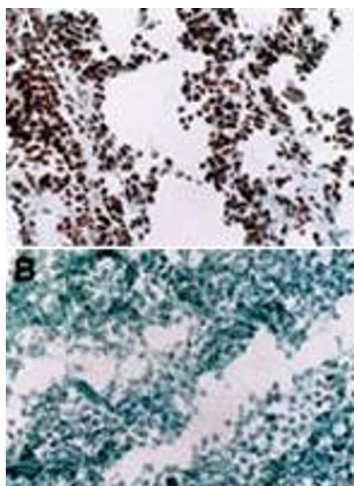
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Sell, Eckardt, Taube, Tews, Gurgui, Van Echten-Deckert, Eckel: "Skeletal muscle insulin resistance induced by adipocyte-conditioned medium: underlying mechanisms and reversibility." in: **American journal of physiology. Endocrinology and metabolism**, Vol. 294, Issue 6, pp. E1070-7, (2008) ([PubMed](#)).



Immunohistochemistry

Image 1. Immunohistochemistry (Frozen sections) using Myod1 monoclonal antibody, clone 5.8A monoclonal antibody. A. Rhabdomyosaroma (nuclei are stained), B. Lymphoma (staining is absent) .