

Datasheet

SMAD7 monoclonal antibody (M09), clone 1G10

Catalog Number: H00004092-M09

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a partial recombinant SMAD7.

Clone Name: 1G10

Immunogen: SMAD7 (NP_005895, 160 a.a. ~ 260 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

CKVFRWPDLRHSSEVKRLCCCESYKINPELVCCNPH
HLSRLCELESPPPPYSRYPMDFLKPTADCPDAVPSSA
ETGGTNYLAPGGLSDSQLLLEPGDRSH

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2a Kappa

Storage Buffer: In 1x PBS, pH 7.2

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

Entrez GeneID: 4092

Gene Symbol: SMAD7

Gene Alias: CRCS3, FLJ16482, MADH7, MADH8

References:

1. Transforming growth factor-beta 1 SMAD effectors and medial cell number in ascending aorta diseases. Aparecida-Silva R, Borges LF, Kessler K, Dias RR,

Moreira LFP, Kalil J, Gutierrez PS. Cardiovasc Res. 2016 Feb 24. [Epub ahead of print]

2. Aberrant expression in multiple components of the transforming growth factor- β -induced Smad signaling pathway during 7,12-dimethylbenz[a]anthracene-induced hamster buccal-pouch squamous-cell carcinogenesis. Chen YK, Yang SH, Huang AH, Hsue SS, Lin LM. Oral Oncol. 2011 Feb 26. [Epub ahead of print]