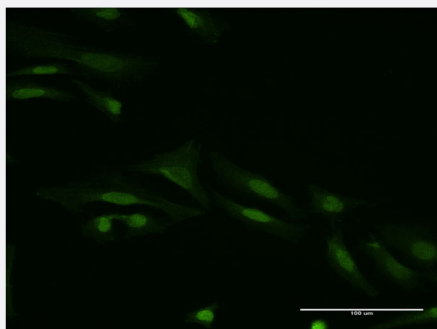


SMAD9 monoclonal antibody (M05), clone 3H2

Catalog # H00004093-M05

Size 100 ug

Applications



Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD9 on HeLa cell .
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant SMAD9.

Immunogen

SMAD9 (AAH11559.1, 1 a.a. ~ 430 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence

MHSTTPISLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDSL VKKLKKKKGAMDELERALSCPG
QPSKCVTIPRSLDGRLQVSHCKGLPHVIYCRVWRWPD LQSHHELKPLECCEFPFGSKQKEVCIN
PYHYRRVETPVLPPVLVPRHSEYNQLSLLAKFRSASLHSEPLMPHNATYPDSFQQPPCSALPPS
PSHAFSQSPCTASYPHSPGSPSEPESPYQHSDFRPVCYE EPQHWCSVAYYELNNRVGETFQAS
SRSVLIDGFTDPSNNRNRFC LGLLSNVNRNSTIENTRRHIGKGVHLYYVGGEVYAECVSDSSIFVQS
RNCNYQHGFHPATVCKIPSGCSLKVFNQLFAQLLAQSVHHGF EVVYELTKMCTIRMSFVKGWG
AEYHRQDVTSTPCWIEIHLHGPLQWLDKVL TQMGSPHNPISSVS

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (97)

Isotype

IgG2a Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.

Storage Buffer

In 1x PBS, pH 7.4

Storage Instruction

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

Applications

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to SMAD9 on HeLa cell . [antibody concentration 10 ug/ml]

Gene Info — SMAD9

Entrez GeneID[4093](#)**GeneBank Accession#**[BC011559](#)**Protein Accession#**[AAH11559.1](#)**Gene Name**

SMAD9

Gene Alias

MADH6, MADH9, SMAD8A, SMAD8B

Gene Description

SMAD family member 9

Omim ID[603295](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

SMAD family members, such as SMAD9, transduce signals from members of the TGF-beta (see TGFB1; MIM 190180) superfamily, which regulate growth, differentiation, apoptosis, and development (Nishita et al., 1999 [PubMed 10583507]).[supplied by OMIM]

Other Designations

MAD (mothers against decapentaplegic, Drosophila) homolog 9|MAD, mothers against decapentaplegic homolog 9|Mothers against decapentaplegic, drosophila, homolog of, 9|OTTHUMP00000178565|SMAD, mothers against DPP homolog 9

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)