

## Datasheet

### GDF7 monoclonal antibody (M01), clone 3D12

**Catalog Number:** H00151449-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant GDF7.

**Clone Name:** 3D12

**Immunogen:** GDF7 (NP\_878248, 361 a.a. ~ 450 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

LGWDDWIIAPLDYEAYHCEGLCDFPLRSHLEPTNHAI  
QTLLNSMAPDAAPASCCVPARLSPISILYIDAANNVYK  
QYEDMVVEACGCR

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, S-ELISA, WB-Ce, 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:** IgG2b Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

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

**Entrez GeneID:** 151449

**Gene Symbol:** GDF7

**Gene Alias:** BMP12

**Gene Summary:** This gene encodes a member of the bone morphogenetic protein (BMP) family. BMPs belong to the transforming growth factor-beta superfamily of secreted signalling molecules that regulate diverse

processes in growth, repair and embryonic development. In mouse, this gene functions as an inductive signal from the roof plate required for the specification of neuronal identity in the dorsal spinal cord. [provided by RefSeq]