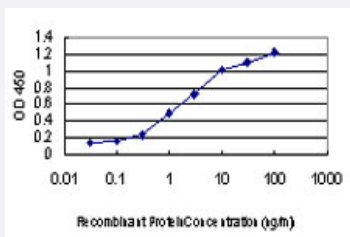


DDIT3 monoclonal antibody (M01), clone 2G3

Catalog # H00001649-M01

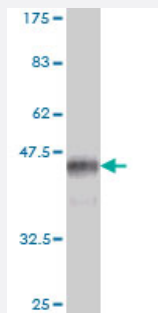
Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDIT3 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DDIT3.
Immunogen	DDIT3 (AAH03637, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAESLPFSFGTLSSWELEAWYEDLQEVLSSDENG GTYVSPPGNEEEESKIFTTLDPASLAWLT EEEEPEAEVTSTSQSPHSPDSSQSSL
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (84); Rat (88)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DDIT3 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DDIT3

Entrez GeneID	1649
GeneBank Accession#	BC003637
Protein Accession#	AAH03637
Gene Name	DDIT3
Gene Alias	CEBPZ, CHOP, CHOP10, GADD153, MGC4154
Gene Description	DNA-damage-inducible transcript 3
Omim ID	126337
Gene Ontology	Hyperlink
Other Designations	C/EBP homologous protein C/EBP zeta CCAAT/enhancer-binding protein homologous protein growth arrest- and DNA damage-inducible

Publication Reference

- [Loss of UDP-N-acetylglucosamine 2-epimerase/ N-acetylmannosamine kinase \(GNE\) induces apoptotic processes in pancreatic carcinoma cells.](#)

Kemmner W, Kessel P, Sanchez-Ruderisch H, Moller H, Hinderlich S, Schlag PM, Detjen K.

FASEB Journal 2012 Feb; 26(2):938.

Application: WB-Tr, Human, Capan-1, QGP-1, sh72 cells

Pathway

- [MAPK signaling pathway](#)

Disease

- [Alzheimer disease](#)
- [Cognition](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)