

Recombinant**DGRmAb®****FADD (DGR13108) Rabbit mAb****db11195****Package : 10µL 20µL 50µL 100µL****Product Name :** FADD (DGR13108) Rabbit mAb**Cat.No.:** db11195**Synonyms :** GIG3; MORT1**Application :** WB, IHC, ICC/IF, FC, IP**Reactivity :** Human**Host species :** Rabbit**Background**

The protein encoded by this gene is an adaptor molecule that interacts with various cell surface receptors and mediates cell apoptotic signals. Through its C-terminal death domain, this protein can be recruited by TNFRSF6/Fas-receptor, tumor necrosis factor receptor, TNFRSF25, and TNFSF10/TRAIL-receptor, and thus it participates in the death signaling initiated by these receptors. Interaction of this protein with the receptors unmasks the N-terminal effector domain of this protein, which allows it to recruit caspase-8, and thereby activate the cysteine protease cascade. Knockout studies in mice also suggest the importance of this protein in early T cell development. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human FADD

Gene ID

8772

Swiss Prot

Q13158

Synonyms

GIG3; MORT1

Reactivity

Human

Application

WB, IHC, ICC/IF, FC, IP

Recommended dilution

WB: 1:1000-1:5000
IHC: 1:20-1:100
ICC/IF: 1:20-1:50
FC: 1:20
IP: 1:20-1:50

Calculated MW

23 kDa

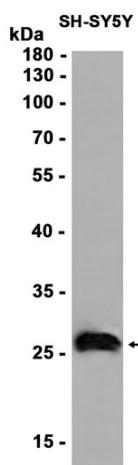
Observed MW

28 kDa

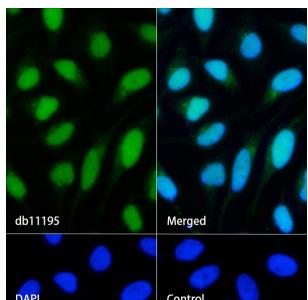
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR13108
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from SH-SY5Y cells using db11195 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling FADD with db11195.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11195 (1:50) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.