Recombinant DGRmAb®

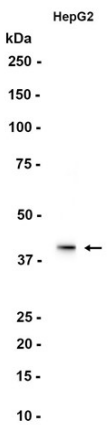
Erlin-2 (DGR35916) Rabbit mAb

db11311 **Package : 10μL 20μL 50μL 100μL**

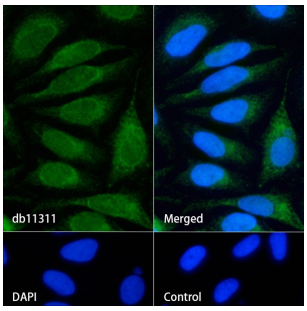
Product Name : Erlin-2 (DGR35916) Rabbit mAb
Cat.No.: db11311
Synonyms : NET32; SPFH2; SPG18; C8orf2; Erlin-2
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse
Host species : Rabbit

Background	This gene encodes a member of the SPFH domain-containing family of lipid raft-associated proteins. The encoded protein is localized to lipid rafts of the endoplasmic reticulum and plays a critical role in inositol 1,4,5-trisphosphate (IP3) signaling by mediating ER-associated degradation of activated IP3 receptors. Mutations in this gene are a cause of spastic paraplegia-18 (SPG18). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]
Immunogen	A synthetic peptide of human Erlin-2
Gene ID	11160, 244373
Swiss Prot	O94905, Q8BFZ9
Synonyms	NET32; SPFH2; SPG18; C8orf2; Erlin-2
Reactivity	Human,Mouse
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:50-1:100 ICC/IF: 1:100-1:200
Calculated MW	38 kDa
Observed MW	43 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR35916
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 HepG2 cells using db11311 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling Erlin-2 with db11311.

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 db11311 (1:100) 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.