

Recombinant

DGRmAb®

beta Actin (DGR18394) Rabbit mAb (AF647)

db13986-DL647

Package : 100µL

Product Name : beta Actin (DGR18394) Rabbit mAb (AF647)**Cat.No.:** db13986-DL647**Synonyms** : BRWS1; PS1TP5BP1; ACTB**Application** : IHC, ICC/IF, FC**Reactivity** : Human, Mouse, Rat, Rabbit, Chicken, Pig, Zebrafish, Cow, Dog**Host species** : Rabbit**Background**

This gene encodes one of six different actin proteins. Actins are highly conserved proteins that are involved in cell motility, structure, integrity, and intercellular signaling. The encoded protein is a major constituent of the contractile apparatus and one of the two nonmuscle cytoskeletal actins that are ubiquitously expressed. Mutations in this gene cause Baraitser- Winter syndrome 1, which is characterized by intellectual disability with a distinctive facial appearance in human patients. Numerous pseudogenes of this gene have been identified throughout the human genome.

[provided by RefSeq, Aug 2017]

Immunogen

A synthetic peptide of human beta Actin

Gene ID

60

Swiss Prot

P60709

Synonyms

BRWS1; PS1TP5BP1; ACTB

Reactivity

Human, Mouse, Rat, Rabbit, Chicken, Pig, Zebrafish, Cow, Dog

Application

IHC, ICC/IF, FC

Recommended dilution

ICC/IF: 1:200

Calculated MW

42 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR18394

Isotype

IgG

Purity

Affinity Purification

Conjugation

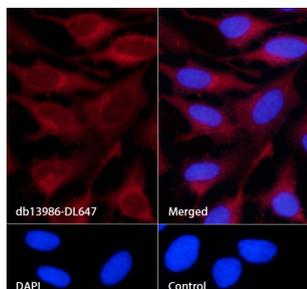
AF647

Concentration

1 mg/mL

Storage Stability

Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.



Immunofluorescence analysis of HeLa cells labelling beta Actin with db13986-DL647.

The cells were fixed with cold 100% methanol (10min, 4°C) 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 db13986-DL647 (1:200, shown in red) at room temprature for 1h. Nuclear DNA was labeled in blue with DAPI.

Control: DAPI only.