Recombinant DGRmAb®

beta Actin (DGR18394) Rabbit mAb (AF647)

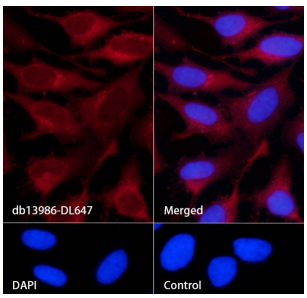
db13986-DL647 **Package : 100μL**

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℃) 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.