Recombinant DGRmAb®

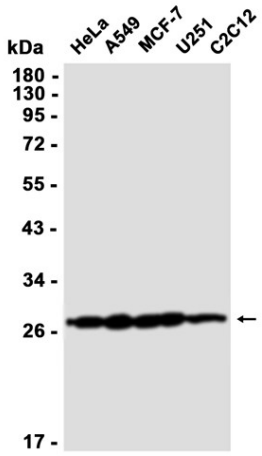
14-3-3 alpha/beta (DGR32331) Rabbit mAb

db11474 **Package : 10μL 20μL 50μL 100μL**

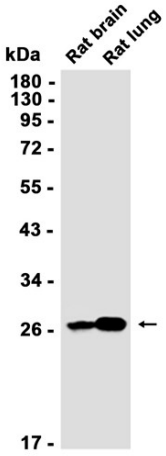
Product Name : 14-3-3 alpha/beta (DGR32331) Rabbit mAb
Cat.No.: db11474
Synonyms : HS1; GW128; YWHAA; KCIP-1; HEL-S-1
Application : WB, IHC, ICC/IF
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	This gene encodes a protein belonging to the 14-3-3 family of proteins, members of which mediate signal transduction by binding to phosphoserine-containing proteins. This highly conserved protein family is found in both plants and mammals. The encoded protein has been shown to interact with RAF1 and CDC25 phosphatases, suggesting that it may play a role in linking mitogenic signaling and the cell cycle machinery. Two transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human 14-3-3 alpha/beta
Gene ID	7529
Swiss Prot	P31946
Synonyms	HS1; GW128; YWHAA; KCIP-1; HEL-S-1
Reactivity	Human, Mouse, Rat
Application	WB, IHC, ICC/IF
Recommended dilution	WB: 1:1000 IHC: 1:200-1:1000 ICC:/IF 1:200
Calculated MW	28 kDa
Observed MW	28 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32331
Isotype	IgG

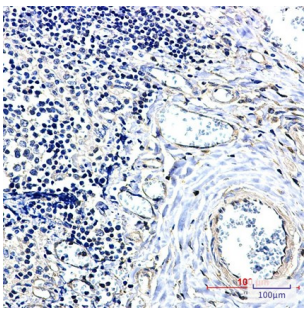
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



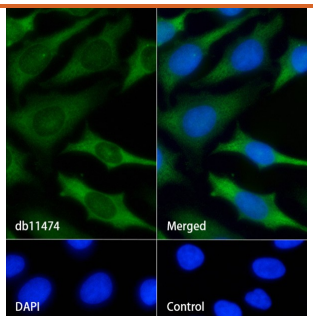
Western blot analysis of extracts from HeLa, A549, MCF-7, U251, C2C12 cells using db11474 at 1:1000.



Western blot analysis of extracts from Rat brain, Rat lung tissues using db11474 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11474 antibody.



Immunofluorescence analysis of HeLa cells labelling 14-3-3 alpha/beta with db11474.

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 db11474 (1:200) 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.