Recombinant DGRmAb®

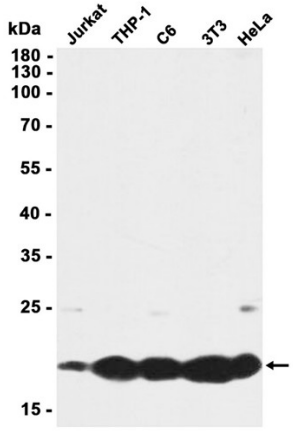
PUMA (DGR14872) Rabbit mAb

db12341 **Package : 10μL 20μL 50μL 100μL**

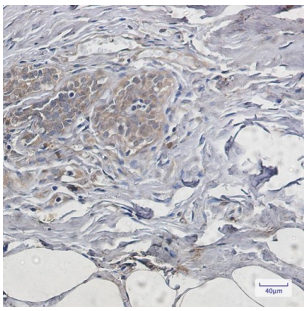
Product Name : PUMA (DGR14872) Rabbit mAb
Cat.No.: db12341
Synonyms : JFY1; PUMA; JFY-1
Application : WB, IHC-P, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

Background	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization and apoptosis. It can bind to anti-apoptotic Bcl-2 family members to induce mitochondrial dysfunction and caspase activation. Because of its pro-apoptotic role, this gene is a potential drug target for cancer therapy and for tissue injury. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2011]
Immunogen	A synthetic peptide of human PUMA
Gene ID	27113
Swiss Prot	Q9BXH1
Synonyms	JFY1; PUMA; JFY-1
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100 ICC/IF: 1:200-1:500 FC: 1:20-1:100
Calculated MW	21 kDa
Observed MW	21 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14872

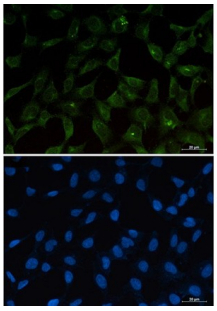
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



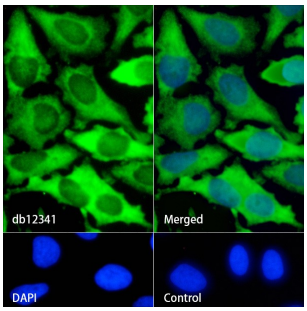
Western blot analysis of extracts from Jurkat, THP-1, C6, 3T3, HeLa cells using db12341 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db12341 antibody.



Immunofluorescent analysis of 293T cells using db12341 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling PUMA with db12341.

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 db12341 (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.