



## 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 O9BXH1

**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





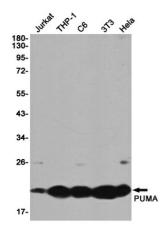
**Isotype** IgG

**Purity** Affinity Purification

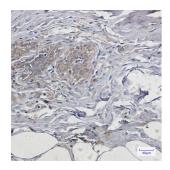
**Conjugation** Un-conjugated

Storage Stability Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

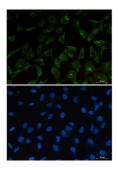
azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot detection of PUMA in Jurkat, THP-1, C6, 3T3, Hela cell lysates using PUMA antibody (1:1000 diluted).



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



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