

## Summary

|                        |  |
|------------------------|--|
| <b>Production Name</b> | PUMA Rabbit Monoclonal Antibody        |
| <b>Description</b>     | Recombinant Rabbit Monoclonal antibody |
| <b>Host</b>            | Rabbit                                 |
| <b>Application</b>     | WB,IHC-F,IHC-P,ICC/IF                  |
| <b>Reactivity</b>      | Human,Mouse,Rat                        |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG  |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA    |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |   |
|--------------------------|---|
| <b>Gene Name</b>         | BBC3  |
| <b>Alternative Names</b> | BBC3; PUMA; Bcl-2-binding component 3; JFY-1; p53 up-regulated modulator of apoptosis |
| <b>Gene ID</b>           | 27113   |
| <b>SwissProt ID</b>      | Q9BXH1  |

## Application

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 |
| <b>Molecular Weight</b> | Calculated MW: 21 kDa; Observed MW: 21 kDa      |

**Product Name: PUMA Rabbit Monoclonal Antibody**  
**Catalog #: AMRe02498**



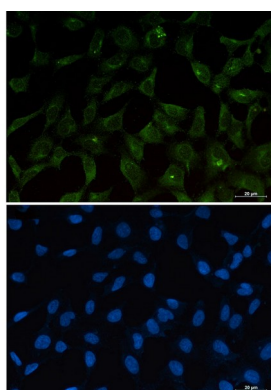
## Background

Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis. Functions by promoting partial unfolding of BCL2L1 and dissociation of BCL2L1 from p53/TP53. Regulates ER stress-induced neuronal apoptosis.

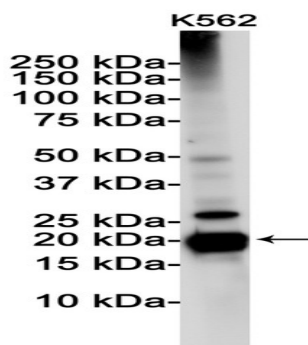
## Research Area

Cell Biology

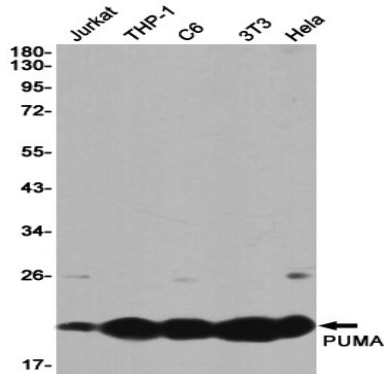
## Image Data



Immunocytochemistry analysis of PUMA (green) in 293T using PUMA antibody, and DAPI (blue).



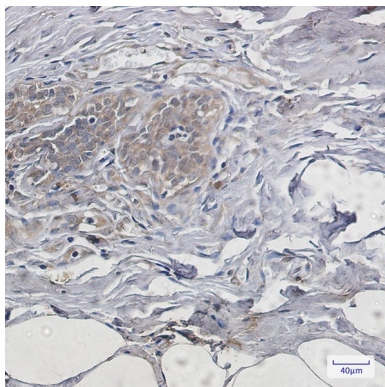
Western blot analysis of PUMA in K562 lysates using PUMA antibody.



Western blot analysis of PUMA in Jurkat, THP-1, C6, 3T3, HeLa lysates using PUMA antibody

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Immunohistochemistry analysis of paraffin-embedded Human breast cancer using PUMA antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

**Note**

For research use only.