

# ARG57486 anti-PUMA antibody

Package: 100 μl Store at: -20°C

# Summary

Product Description	Rabbit Polyclonal antibody recognizes PUMA
Tested Reactivity	Hu, Ms, Rat
Tested Application	FACS, ICC/IF, IHC-P, WB
Specificity	This antibody detects endogenous levels of total PUMA.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	PUMA
Species	Human
Immunogen	Synthetic peptide derived from Human PUMA.
Conjugation	Un-conjugated
Alternate Names	PUMA; p53 up-regulated modulator of apoptosis; JFY-1; JFY1; Bcl-2-binding component 3

# **Application Instructions**

Application table	Application	Dilution
	FACS	1:50
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate reco should be determined by the	mmended starting dilutions and the optimal dilutions or concentrations e scientist.

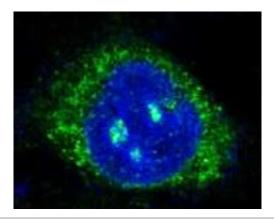
### **Properties**

Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

### Bioinformation

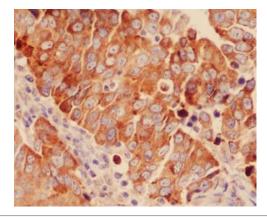
Gene Symbol	BBC3
Gene Full Name	BCL2 binding component 3
Background	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization 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]
Function	Essential mediator of p53/TP53-dependent and p53/TP53-independent apoptosis. Isoform 3 fails to show any growth-inhibitory or apoptotic activity. [UniProt]
Calculated Mw	26 kDa

#### Images



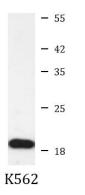
#### ARG57486 anti-PUMA antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG57486 anti-PUMA antibody.



#### ARG57486 anti-PUMA antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human breast cancer tissue stained with ARG57486 anti-PUMA antibody.



#### ARG57486 anti-PUMA antibody WB image

Western blot: K562 cell lysate stained with ARG57486 anti-PUMA antibody at 1:1000 dilution.