

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 recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

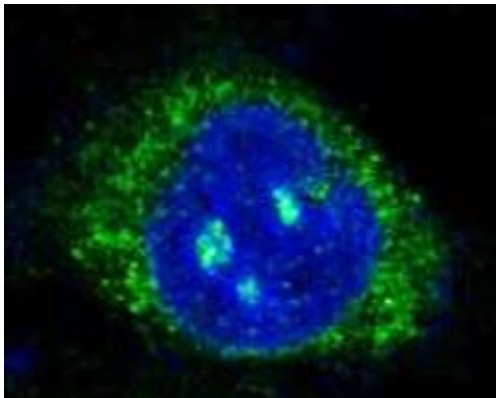
Form	Liquid
Purification	Purified by affinity chromatography.
Buffer	PBS (pH 7.4), 150mM NaCl, 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, 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.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

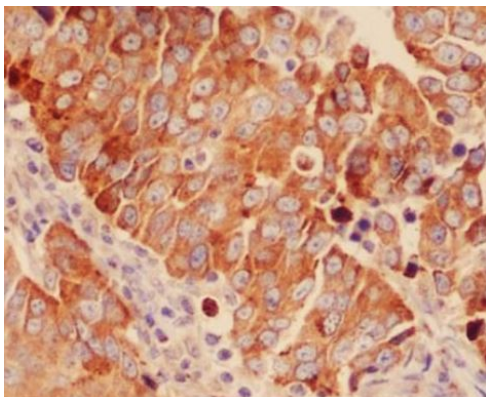
Gene Symbol	BBC3
Gene Full Name	BCL2 binding component 3
Background	This gene encodes a member of the BCL-2 family of proteins. This family member belongs to the BH3-only pro-apoptotic subclass. The protein cooperates with direct activator proteins to induce mitochondrial outer membrane permeabilization 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.

