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Datasheet for ABIN534454

anti-PUMA antibody (AA 76-170)

1 Image

3 Publications

Overview

Quantity:	100 µg
Target:	PUMA (BBC3)
Binding Specificity:	AA 76-170
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PUMA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse monoclonal antibody raised against recombinant BBC3.
Immunogen:	Recombinant protein corresponding to amino acids 76-170 of human BBC3.
Clone:	2A8F6
Isotype:	IgG
Cross-Reactivity:	Human, Rat

Target Details

Target:	PUMA (BBC3)
Alternative Name:	PUMA (BBC3 Products)
Gene ID:	27113

Target Details

Pathways: [p53 Signaling](#), [Positive Regulation of Endopeptidase Activity](#)

Application Details

Application Notes: Western Blot (2.5-5 µg/mL)
The optimal working dilution should be determined by the end user.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In PBS (0.02 % sodium azide)

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

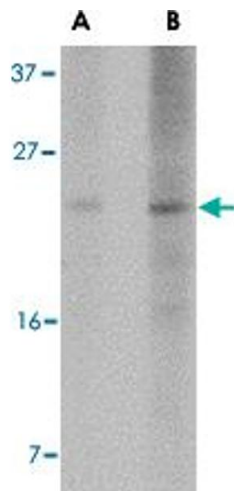
Storage Comment: Store at 4°C for three months. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in: Yu, Zhang, Hwang, Kinzler, Vogelstein: "PUMA induces the rapid apoptosis of colorectal cancer cells." in: **Molecular cell**, Vol. 7, Issue 3, pp. 673-82, (2001) ([PubMed](#)).

Nakano, Vousden: "PUMA, a novel proapoptotic gene, is induced by p53." in: **Molecular cell**, Vol. 7, Issue 3, pp. 683-94, (2001) ([PubMed](#)).

Han, Flemington, Houghton, Gu, Zambetti, Lutz, Zhu, Chittenden: "Expression of bbc3, a proapoptotic BH3-only gene, is regulated by diverse cell death and survival signals." in: **Proceedings of the National Academy of Sciences of the United States of America**, Vol. 98, Issue 20, pp. 11318-23, (2001) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis of BBC3 expression in K-562 cell lysate with BBC3 monoclonal antibody, clone 2A8F6 at (A) 2.5 and (B) 5 $\mu\text{g}/\text{mL}$.