Datasheet for ABIN5542288

anti-BNIP3 antibody (AA 50-155)

7 Images

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Overview

Quantity:	0.1 mg
Target:	BNIP3
Binding Specificity:	AA 50-155
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BNIP3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human BNIP3 (AA: 50-155) expressed in E. coli.
Clone:	6A5F7
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	BNIP3
Alternative Name:	BNIP3 (BNIP3 Products)
Background:	Description: This gene is encodes a mitochondrial protein that contains a BH3 domain and acts

Target Details

	as a pro-apoptotic factor. The encoded protein interacts with anti-apoptotic proteins, including the E1B 19 kDa protein and Bcl2. This gene is silenced in tumors by DNA methylation., Aliases: NIP3
Molecular Weight:	21.5 kDa
Gene ID:	664
HGNC:	664
Pathways:	Autophagy, Brown Fat Cell Differentiation

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:50 - 1:250, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % 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:	4°C, -20°C for long term storage

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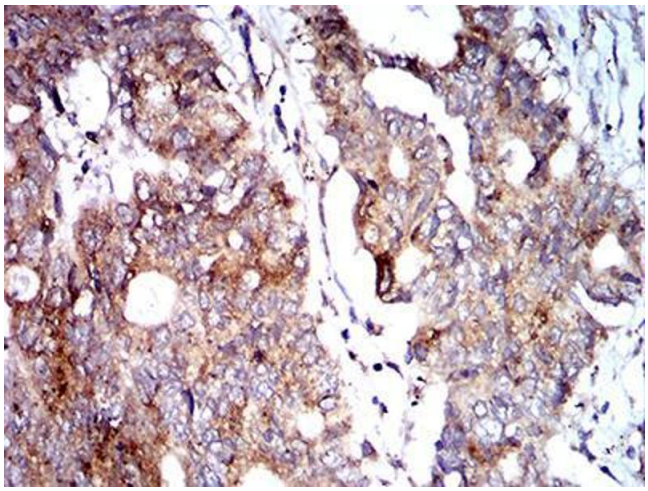
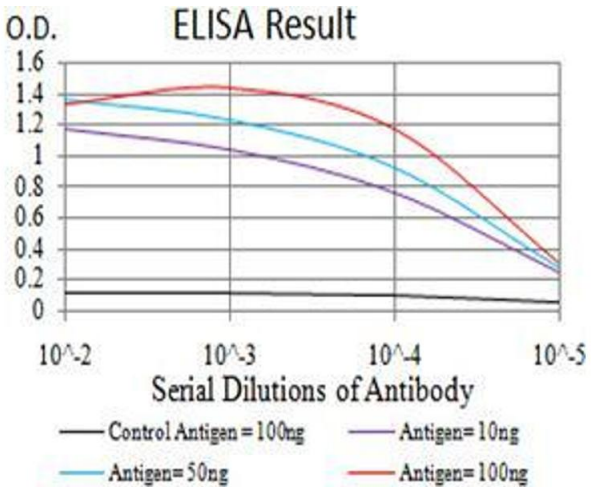


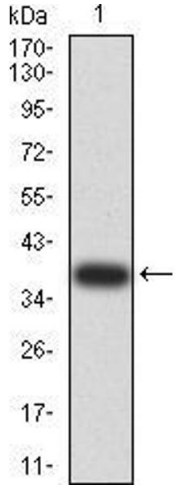
Immunohistochemistry

Image 1. Immunohistochemical analysis of paraffin-embedded rectum cancer tissues using BNIP3 mouse mAb with DAB staining.



ELISA

Image 2. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using BNIP3 mAb against human BNIP3 (AA: 50-155) recombinant protein. (Expected MW is 38 kDa)

Please check the product details page for more images. Overall 7 images are available for ABIN5542288.