

Datasheet for ABIN5649349
anti-BAK1 antibody (AA 29-187)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	BAK1
Binding Specificity:	AA 29-187
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant BAK1.
Immunogen:	Recombinant protein corresponding to amino acids 29-187 of human BAK1.
Clone:	AT38E2
Isotype:	IgG2a
Cross-Reactivity:	Human, Mouse

Target Details

Target:	BAK1
Alternative Name:	BAK1 (BAK1 Products)

Target Details

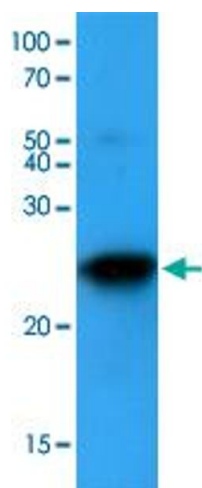
Background:	Full Gene Name: BCL2-antagonist/killer 1 Synonyms: BAK,BAK-LIKE,BCL2L7,CDN1,MGC117255,MGC3887
Gene ID:	578
Pathways:	Apoptosis , Steroid Hormone Mediated Signaling Pathway , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	Recommended starting dilution (1:250) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

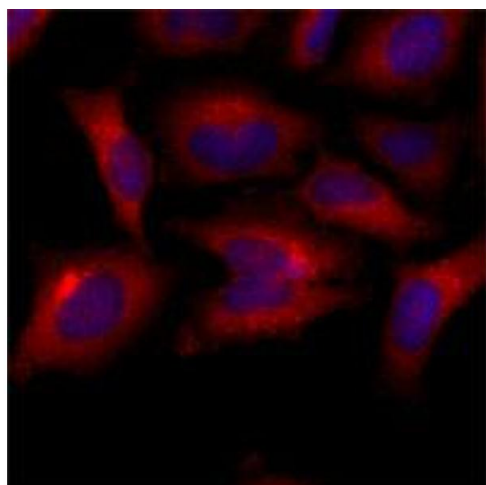
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	In PBS, pH 7.4 (10 % glycerol, 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:	-20 °C,-80 °C
Storage Comment:	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.



Western Blotting

Image 1. Western blot analysis of mouse lung lysates (35 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with BAK1 monoclonal antibody, clone AT8B4 (1 : 500). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



Immunofluorescence

Image 2. Immunofluorescence of human HeLa cells stained with Hoechst 3342 (Blue) for nucleus staining and BAK1 monoclonal antibody, clone AT8B4 (1 : 500) with Texas Red (Red).