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Datasheet for ABIN387828 anti-IKBKG antibody

1 Image

1 Publication



Overview

Quantity:	400 µL
Target:	IKBKG
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IKBKG antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This IKK gamma antibody was raised using purified His-tagged recombinant full length human IKK gamma.
Clone:	55AT986-5-78
lsotype:	lgG1
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	IKBKG
Alternative Name:	IKK gamma (IKBKG Products)
Background:	This gene encodes the regulatory subunit of the inhibitor of kappaB kinase (IKK) complex, which activates NF-kappaB resulting in activation of genes involved in inflammation, immunity,
	cell survival, and other pathways. Mutations in this gene result in incontinentia pigmenti,

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	hypohidrotic ectodermal dysplasia, and several other types of immunodeficiencies. Multiple
	transcript variants encoding different isoforms have been found for this gene. A pseudogene
	highly similar to this locus is located in an adjacent region of the X chromosome.
Molecular Weight:	48198
Gene ID:	8517
NCBI Accession:	NP_001093326, NP_001093327, NP_001138727, NP_003630
UniProt:	Q9Y6K9
Pathways:	NF-kappaB Signaling, RTK Signaling, TCR Signaling, TLR Signaling, Fc-epsilon Receptor
	Signaling Pathway, Activation of Innate immune Response, M Phase, Production of Molecular
	Mediator of Immune Response, Hepatitis C, Protein targeting to Nucleus, Toll-Like Receptors
	Cascades, BCR Signaling, Ubiquitin Proteasome Pathway, S100 Proteins

Application Details

Application Notes:	WB: 1:100~500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) 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:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months
Publications	
Product cited in:	Curioni-Fontecedro, Knights, Tinguely, Nuber, Schneider, Thomson, von Boehmer, Bossart,
	Pahlich, Gehring, Moch, Renner, Knuth, Zippelius: "MAGE-C1/CT7 is the dominant cancer-testis

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Dubovsky, Albertini, McNeel: "MAD-CT-2 identified as a novel melanoma cancer-testis antigen using phage immunoblot analysis." in: **Journal of immunotherapy (Hagerstown, Md. : 1997)**, Vol. 30, Issue 7, pp. 675-83, (2007) (PubMed).

Kondo, Zhu, Asa, Ezzat: "The cancer/testis antigen melanoma-associated antigen-A3/A6 is a novel target of fibroblast growth factor receptor 2-IIIb through histone H3 modifications in thyroid cancer." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 13, Issue 16, pp. 4713-20, (2007) (PubMed).

Images



Western Blotting

Image 1. The anti-IKKgamma Mab (ABIN387828 and ABIN2843912) is used in Western blot to detect IKKgamma in ZR75-1 cell lysate.