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Product datasheet for AM11080PU-N

IKK gamma (IKBKG) Mouse Monoclonal Antibody [Clone ID: 55AT986.5.78]

Product data:

Product Type:	Primary Antibodies
Clone Name:	55AT986.5.78
Applications:	WB
Recommended Dilution:	ELISA: 1/1,000. Western blotting: 1/100-1/500.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	This antibody was raised using purified His-tagged recombinant full length human IKK gamma.
Specificity:	This antibody is specific to IKK gamma.
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative. State: Purified State: Liquid purified Ig fraction.
Concentration:	lot specific
Purification:	Protein G Chromatography eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma
Database Link:	Entrez Gene 8517 Human Q9Y6K9

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Background: IKK gamma is a regulatory subunit part of the IKK-signalosome complex activation. It is also considered to be a mediator for TAX activation of NF-kappa-B. This protein could be implicated in NF-kappa-B-mediated protection from cytokine toxicity. Defects in IKBKG are the cause of anhidrotic ectodermal dysplasia with immunodeficiency (EDA-ID). EDA-ID is a X-linked recessive disorder characterized by absence of sweat glands, sparse scalp hair, rare conical teeth and immunological abnormalities resulting in severe infectious diseases. Defects in IKBKG are the cause of familial incontinentia pigmenti type II (IP2), an X-linked dominant disease causing death in male fetuses. In heterozygous female, it is characterized by disturbance of skin pigmentation sometimes associated with a variety of malformations of the eye, nails, teeth, skeleton, heart, and central nervous system.

Synonyms: FIP3, FIP-3, IKKAP1, I-kappa-B kinase subunit gamma, IKK-gamma, IKKG, IkB kinase subunit gamma

Product images:

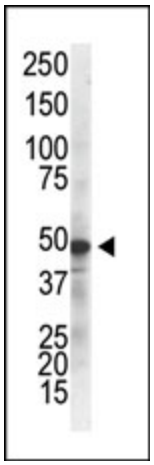

Figure 1. Western blot using anti-IKKgamma Mab to detect IKKgamma in ZR75-1 cell lysate.