

Anti-NFKB2 Antibody (1D899)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 50/100 kDa.
Clone:	1D899
Purification:	Protein A purified

Applications

Verified Activity:	1. Blocking buffer: 5% NFDM/TBST	
	Primary Ab dilution: 1:5000	
	Primary Ab incubation condition: 2 hours at	room temperature
	Secondary Ab: Goat Anti-Rabbit IgG H&L (HRP)	
	Lysate: 1: Jurkat, 2: Raji, 3: NIH/3T3, 4: C6	
	Protein loading quantity: 20 µg	
	Exposure time: 30 s	
	Predicted MW: 97 kDa	
	Observed MW: 120 kDa	
	2. Tissue: Mouse colon	
	Section type: Formalin-fixed & Paraffin	-embedded section
	Retrieval method: High temperature and high	pressure
	Retrieval buffer: Tris/EDTA buffer, pH 9.0	
	Primary Ab dilution: 1:100	
	Primary Ab incubation condition: 1 hour at	room temperature
	Secondary Ab: Anti-Rabbit and Mouse	Polymer HRP (Ready to use)
Counter stain: Hematoxylin (Blue)		
Comment: Color brown is the positive signal for	TMAB-09441	
3. Tissue: Human tonsil		
Section type: Formalin-fixed & Paraffin	-embedded section	
Retrieval method: High temperature and high	pressure	
Retrieval buffer: Tris/EDTA buffer, pH 9.0		
Primary Ab dilution: 1:100		
Primary Ab incubation condition: 1 hour at	room temperature	
Secondary Ab: Anti-Rabbit and Mouse	Polymer HRP (Ready to use)	
Counter stain: Hematoxylin (Blue)		
Comment: Color brown is the positive signal for	TMAB-09441	
4. Tissue: Rat cardiac muscle		
Section type: Formalin-fixed & Paraffin	-embedded section	
Retrieval method: High temperature and high	pressure	
Retrieval buffer: Tris/EDTA buffer, pH 9.0		
Primary Ab dilution: 1:100		
Primary Ab incubation condition: 1 hour at	room temperature	
Secondary Ab: Anti-Rabbit and Mouse	Polymer HRP (Ready to use)	
Counter stain: Hematoxylin (Blue)		
Comment: Color brown is the positive signal for	TMAB-09441	

A DRUG SCREENING EXPERT

Application: WB,IHC-P,IHC-Fr,ICC/IF,IF

Recommended WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:50-100; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human NFKB2

Antigen Species: Human

Gene ID: 4791

Uniprot ID: Q00653

Research Background

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

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