

Anti-NKG2D Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 25 kDa. Actual: 25 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Blank control (blue line): Mouse thymus cells (fixed with 70% methanol (Overnight at 4°C)).
	Primary Antibody (green line): Rabbit Anti-NKG2D antibody (TMAB-09496), Dilution: 1 µg /10 ⁶ cells;
	Isotype Control Antibody (orange line): Rabbit IgG.
	Secondary Antibody (white blue line): Goat anti-rabbit IgG-PE, Dilution: 1 µg /test.
	2. Sample: Lung (Mouse) Lysate at 40 µg
	Primary: Anti-NKG2D (TMAB-09496) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 25 kD
	Observed band size: 25 kD
	3. Sample: Stomach (Mouse) Lysate at 40 µg
	Primary: Anti-NKG2D (TMAB-09496) at 1/300 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 25 kD	
Observed band size: 25 kD	
4. Sample: Lung Cell (Mouse) Lysate at 40 µg	
Primary: Anti-NKG2D (TMAB-09496) at 1/300 dilution	
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution	
Predicted band size: 25 kD	
Observed band size: 25 kD	
Application:	WB,FCM
Recommended	WB: 1:500-2000; FCM: 1µg/Test

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: mouse NKG2D
Antigen Species: Mouse
Gene ID: 27007
Uniprot ID: O54709

Research Background

This locus represents naturally occurring read-through transcription between the neighboring KLRC4 (killer cell lectin-like receptor subfamily C, member 4) and KLRK1 (killer cell lectin-like receptor subfamily K, member 1) genes on chromosome 12. The read-through transcript includes an alternate 5' exon and lacks a significant portion of the KLRC4 coding sequence, including the start codon, and it thus encodes the KLRK1 protein. [provided by RefSeq, Dec 2010]

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