



Catalog Number: 80045-R141

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## GENERAL INFORMATION

Immunogen:	Recombinant Rat TNF-alpha Protein (Catalog#80045-RNAE)
Preparation:	This antibody was obtained from a rabbit immunized with purified, recombinant Rat TNF-alpha (rR TNF-alpha; Catalog#80045-RNAE; P16599; Leu80-Leu235).
Ig Type:	Rabbit IgG
Clone ID:	141
Specificity:	Rat TNF-alpha
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	TNF-alpha,TNFA

## APPLICATIONS

Applications: WB,ICC/IF

## RECOMMENDED CONCENTRATION

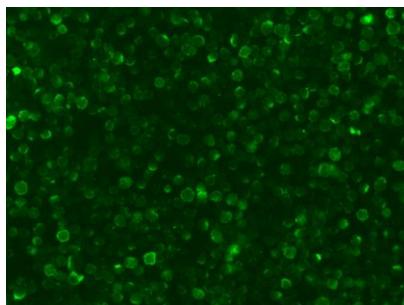
ICC/IF	ICC/IF: 1:20-1:100
Western Blot	WB: 1:500-1:2000

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*

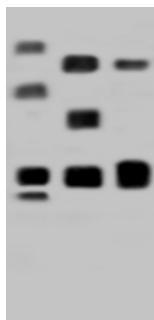


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Immunofluorescence staining of rat TNF $\alpha$  in rat spleen cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with rabbit anti-rat TNF $\alpha$  monoclonal antibody (dilution ratio 1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor®488-conjugated Goat Anti-rabbit IgG secondary antibody (green). Positive staining was localized to Cell membrane.



Anti-TNF $\alpha$  rabbit monoclonal antibody at 1:500 dilution

Lane A: HeLa Whole Cell Lysate  
Lane B: Rat spleen tissue lysate  
Lane C: Rat brain tissue lysate

Lysates/proteins at 30  $\mu$ g per lane.

Secondary  
Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.

Developed using the ECL technique. Performed under reducing conditions.

Predicted band size: 25 kDa  
Observed band size: 30 kDa