

## Recombinant CD40 / TNFRSF5 Antibody

Mouse Monoclonal Antibody [Clone r11E9]

Catalog No	Format	Size
958-MSM15-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
958-MSM15-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
958-MSM15-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

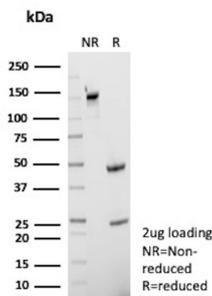
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

### Product Details

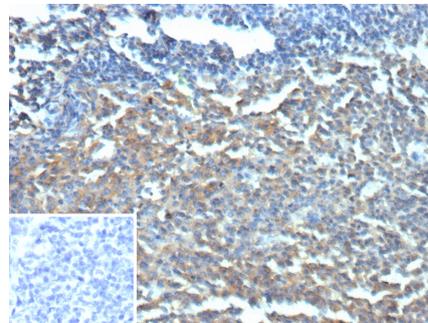
<b>Clone</b>	r11E9
<b>Gene Name</b>	CD40
<b>Immunogen</b>	Prokaryotic recombinant fusion protein corresponding to the entire external domain of the CD40 molecule
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2b / Kappa
<b>Mol. Weight of Antigen</b>	43kDa
<b>Cellular Localization</b>	Cell membrane, Secreted
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Human spleen, lymph node or tonsil.

\*Optimal dilution for a specific application should be determined.

### Product Images for Recombinant CD40 / TNFRSF5 Antibody



SDS-PAGE Analysis of Purified CD40 Recombinant Mouse Monoclonal Antibody (r11E9). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded human tonsil stained with CD40 Recombinant Mouse Monoclonal Antibody (r11E9). Inset: PBS instead of primary antibody; secondary only negative control.

### Specificity & Comments

The CD40 antigen is a single chain glycoprotein with a calculated molecular weight of 27 kD. It is known to be a member of the tumor necrosis factor/nerve growth factor superfamily and shows a significant homology to the Hodgkin's disease-associated antigen, CD30. The precise function of the CD40 antigen is unknown, but it appears to be involved in the transduction of regulatory signals for cellular functions such as B cell proliferation and differentiation. It is also important in the prevention of apoptosis of germinal centre B cells. The CD40 antigen is found on mature B cells (except plasma cells), interdigitating reticulum cells and follicular dendritic cells.

### Supplied As

200ug/ml of Ab produced in CHO cell mammalian-based expression system. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Immuno Oncology, Immunology, Infectious Disease

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

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