



# Anti-CD40LG monoclonal antibody, clone 39H5 (CABT-47151HM)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

**Product Overview** Hamster anti Mouse CD154 antibody, clone 39H5 recognizes the murine CD40 ligand, also known as CD40L or CD154. CD154 is a ~39kDa cell surface glycoprotein . CD154 is expressed by activated CD4+ve T lymphocytes. Hamster anti Mouse CD154 antibody, clone 39H5 is routinely tested in flow cytometry on mouse CD40L transfected L cells. Flow Cytometry Use 10ul of the suggested working dilution to label 106 cells in 100ul.

<b>Specificity</b>	CD40LG
<b>Immunogen</b>	L cells transfected with CD40L
<b>Isotype</b>	IgG
<b>Source/Host</b>	Hamster
<b>Species Reactivity</b>	Mouse
<b>Clone</b>	39H5
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	FC; FA; IP
<b>Format</b>	Purified IgG - liquid
<b>Size</b>	1 mg
<b>Preservative</b>	None
<b>Storage</b>	in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

# GENE INFORMATION

Gene Name	<a href="#">Cd40lg CD40 ligand [ Mus musculus (house mouse) ]</a>
Official Symbol	CD40LG
Synonyms	CD40LG; CD40 ligand; IGM; IMD3; Ly62; TRAP; gp39; CD154; Cd40l; HIGM1; Ly-62; T-BAM; CD40-L; Tnfsf5; T-cell antigen Gp39; TNF-related activation protein; tumor necrosis factor ligand superfamily member 5;
Entrez Gene ID	<a href="#">21947</a>
Protein Refseq	<a href="#">NP_035746</a>
UniProt ID	P27548
Chromosome Location	X A5; X 31.21 cM
Pathway	Adaptive Immune System; Allograft rejection; Asthma; Autoimmune thyroid disease; Cell adhesion molecules (CAMs); Cytokine-cytokine receptor interaction; Id Signaling Pathway; Immune System;
Function	CD40 receptor binding; cytokine activity; tumor necrosis factor receptor binding;