

Product datasheet for AM08037LE-N

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Cd28 Hamster Monoclonal Antibody [Clone ID: 37.51]

Product data:

Product Type: Primary Antibodies

Clone Name: 37.51

Applications: FC, FN, IP

Recommended Dilution: Flow Cytometry. (Ref.2-5)

Immunoprecipitation. (Ref.2)

Functional Assay: In vitro costimulation of T cells and NK cells. (Ref.1,4,7)

Reactivity: Mouse

Host: Hamster

Isotype: IgG

Clonality: Monoclonal

Specificity: This antibody is specific to CD28 costimulatory receptor (Mr. 40 kDa)

Formulation: PBS containing no preservatives.

State: Low Endotoxin

State: Liquid purified Ig fraction.

Conjugation: Unconjugated

Storage: Store the antibody undiluted (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

Gene Name: CD28 antigen

Database Link: Entrez Gene 12487 Mouse

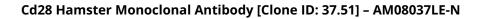
P31041

Background: CD28 is a type I disulfide-linked homodimer that is constitutively expressed on most

thymocytes, at low density on nearly all CD4+ and CD8+ peripheral T lymphocytes, and at very low levels on NK cells. Its expression is upregulated upon T-cell activation. (Ref.1-4) CD28 is a ligand for CD80/B7-1 and CD86/B7-2 on B cells and other antigen presenting cells, and plays an important role in the interaction between T cells and B cells. CD28 is a costimulatory receptor involved in many, but not all, T-cell independent immune responses.

(Ref.5-8)







Synonyms: TP44