

Product Datasheet

CD40 Ligand/TNFSF5 DDX-S2-10Each

Unit Size: 10 Million Cells

Protect from light. Store at -20C. Avoid freeze-thaw cycles. After opening store under sterile conditions.

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DDX-S2-10Each

CD40 Ligand/TNFSF5

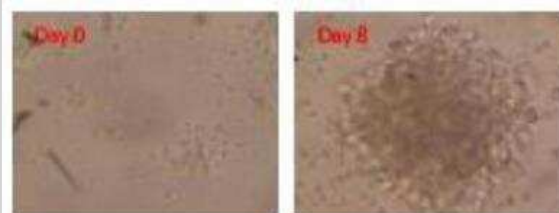
Product Information	
Unit Size	10 Million Cells
Concentration	Please see the protocols for proper use of this product. If no protocol is available, contact technical services for assistance.
Storage	Protect from light. Store at -20C. Avoid freeze-thaw cycles. After opening store under sterile conditions.
Preservative	No Preservative
Reconstitution Instructions	Resuspended L6 cells can be kept at 4C under sterilized conditions for up to 2 months.

Product Description	
Host	Horse
Gene ID	959
Gene Symbol	CD40LG
Reactivity Notes	Rat, Sheep, Dog, Cat, Pig, Horse, Rabbit
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.

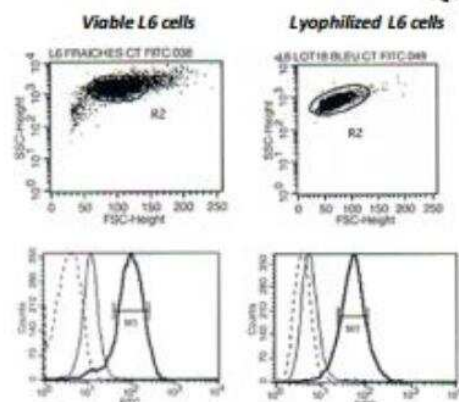
Product Application Details	
Applications	Flow Cytometry, Functional, In vitro assay, Immunocytochemistry, Immunofluorescence
Recommended Dilutions	Flow Cytometry, Functional, In vitro assay, Immunofluorescence, Immunocytochemistry
Application Notes	Murine L cells were stably transfected with human CD40L (L6) and freeze-dried through proprietary process. These cells are primarily intended to activate human cells through triggering of CD40 surface antigen but were also demonstrated to activate B cells from several animal species. L6 cells successfully support the differentiation of human monocyte towards the dendritic cell lineage. L6 cells are included in the Human Blood B booster and the Animal Blood B Booster kits, and support B cell growth and Ig secretion, but can also used alone for transient cultures.

Images

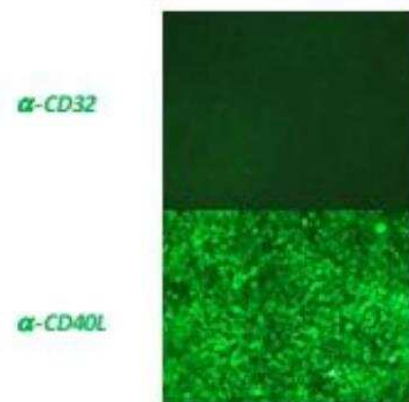
Immunocytochemistry: CD40 Ligand/TNFSF5 Lysate [DDX-S2] - PBMC cultured in the presence of DDX-S2



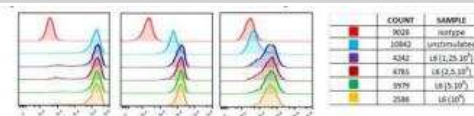
Flow Cytometry: CD40 Ligand/TNFSF5 Lysate [DDX-S2] - Surface cytometry analysis of CD40L expression



Immunofluorescence: CD40 Ligand/TNFSF5 Lysate [DDX-S2] - IF staining of L6 cells

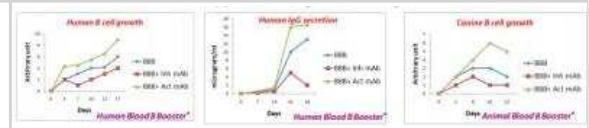


In vitro assay: CD40 Ligand/TNFSF5 Lysate [DDX-S2]



Macrophages isolated from PBMC were cultured 5 days in the presence of rhuGM-CSF (200ng/ml) and rhuIL-4 (10ng/ml). 10⁶ sorted CD19⁺ cells were cultured for 24h with increasing numbers of L6 cells. FACS staining of CD19, HLA-DR and CD86 are shown.

CD40 Ligand/TNFSF5 Lysate [DDX-S2] - Freeze-dried L6 cells are part of the Blood B Booster technology intended to immortalize human B cells and to activate animal B cells





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Products Related to DDX-S2-10Each

NBP2-35244-10ug	Recombinant Human CD40 Ligand/TNFSF5 Protein
210-TA-005	TNF-alpha [Unconjugated]
DCDL40	CD40 Ligand/TNFSF5 [HRP]
6507-IL-010/CF	IL-4 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Support products are guaranteed for 6 months from date of receipt.

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