

# Human CD40L(CD154)-transfected murine L cells

**Product reference: DDX-S2**

## huCD40L/huCD154 transfected murine L cells (L6)

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.

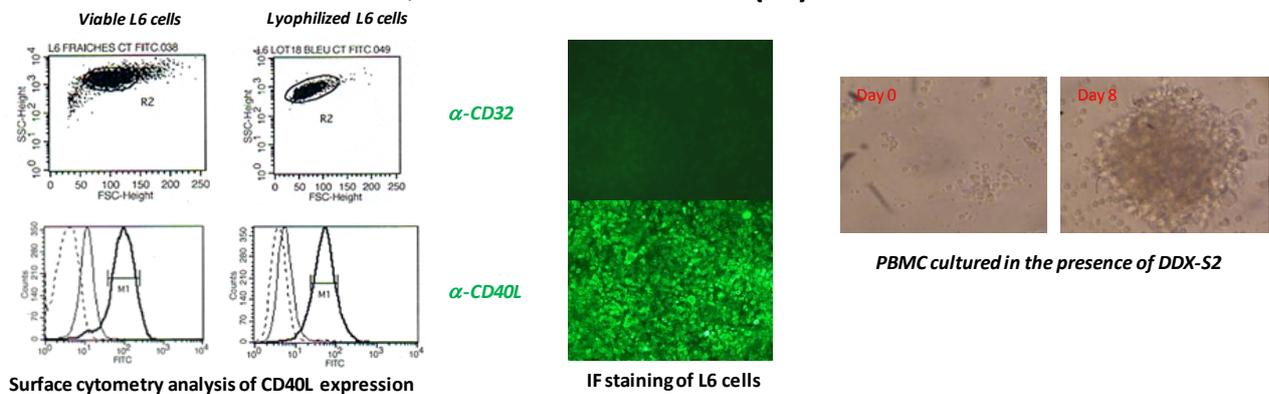
L6 cells are included in the Human Blood B booster and the Animal Blood B Booster kits, and support B cell growth and Ig secretion, but can also used alone for transient cultures.

### Available formats:

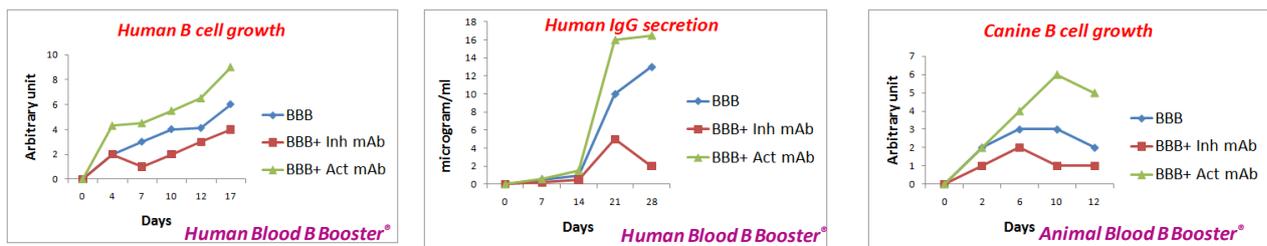
Reference	Format	Size	Application
DDX-S2-2	freeze-dried	2.10 <sup>6</sup> cells	Activation of CD40 <sup>+</sup> human cells, in vitro generation of monocyte-derived dendritic
DDX-S2-5		5.10 <sup>6</sup> cells	
DDX-S2-10		10.10 <sup>6</sup> cells	

*Resuspended L6 cells can be kept at 4°C under sterile conditions for up to 2 months.*

### -Qualification of DDX-S2 (L6) cells

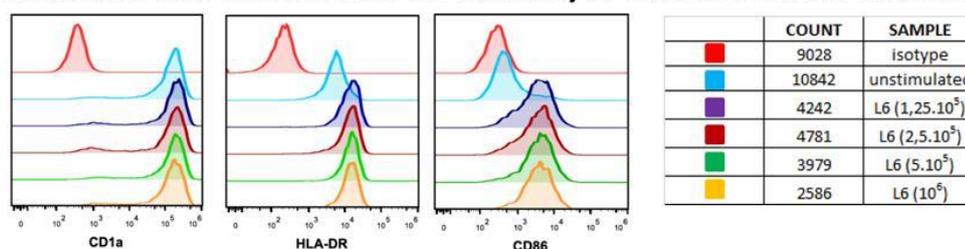


### - DDX-S2 supports B cell growth and Ig secretion



Freeze-dried L6 cells are part of the Blood B Booster technology intended to immortalize human B cells and to activate animal B cells

### -DDX-S2 promotes the maturation of monocyte-derived dendritic cells in vitro



Monocytes isolated from PBMC were cultured 5 days in the presence of rhuGM-CSF (200ng/ml) and rhIL4 (10ng/ml). 10<sup>5</sup> sorted CD1a<sup>+</sup> cells were cultured for 24h with increasing number of L6 cells. Facs staining of CD1a, HLA-DR and CD86 are shown.

**Storage conditions**

-20°C. KEEP CONTENTS STERILE: no preservative.

**Usage recommendation:**

Resuspension in sterile complete culture medium

**Not for use in Humans. For research purpose only**