

# J558L Cell Line secreting OX40L

**Catalogue number:** 153661

**Sub-type:** Continuous

**Images:**

## Contributor

**Inventor:** Peter Lane

**Institute:** University of Birmingham

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** J558L Cell Line secreting OX40L

**Alternate name:** OX4L ligand, CD134, dendritic cells, DCs, Th2, CD525, systemic lupus erythematosus, TXGP1, OX-4L, gp34, TNFSF4, CD4 T cells, cytokine, Tumor necrosis factor receptor superfamily member 4, TNFRSF4

**Class:**

**Conjugate:**

**Description:** OX40 receptor also known as CD134, a member of the tumor necrosis factor receptor superfamily of receptors, is not constitutively expressed on resting naive T cells. OX40 is activated 24 to 72 hours after binding to its ligand; OX40L, and is a secondary co-stimulatory immune checkpoint molecule. Expression of OX40 is dependent on full activation of the CD28 absent-T cell.

**Purpose:**

**Parental cell:** J558L - mammalian plasmacytoma cell line

**Organism:** Mouse

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:** Primers specific to the murine sequence of the OX40L gene were used to

generate a cDNA amplicon which was cloned into an expression vector. The vector has resistant markers to ampicillin and histidinol, and also contains promoters and enhancers for murine B-cells and plasma cells. A chimeric IgG1 and OX40 molecule with a 3' splice donor site was generated by subcloning the OX40L amplicon into a human IgG1 expression vector.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Murine OX40L

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:** Liquid Nitrogen

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

# References

References:

CancerTools.org