



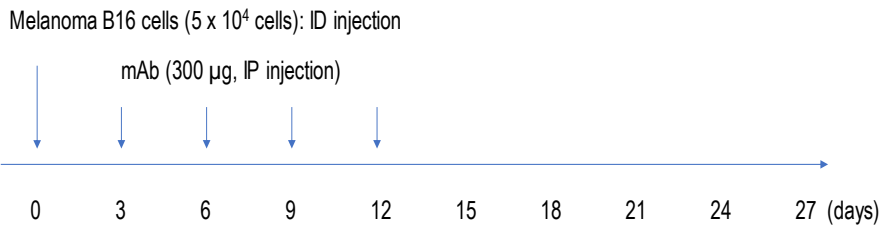
Immune Checkpoint Monoclonal Antibodies



Immune checkpoint blockade therapies enhance antitumor immune responses and work effectively in particular cancers such as melanoma (1-3). Investigating the effects of these therapeutic antibodies requires different types of rodent cancer models. Same-species antibodies must be used for long-term animal studies because administered heterogenous antibodies may be inactivated by the host's immune response. Chondrex, Inc. provides mouse anti-mouse cytotoxic T-lymphocyte associated antigen 4 (CTLA4) and programmed death ligand 1 (PD-L1) antibodies which are applicable to many types of mouse cancer models. For more information about these products, please contact Chondrex, Inc. at support@chondrex.com.

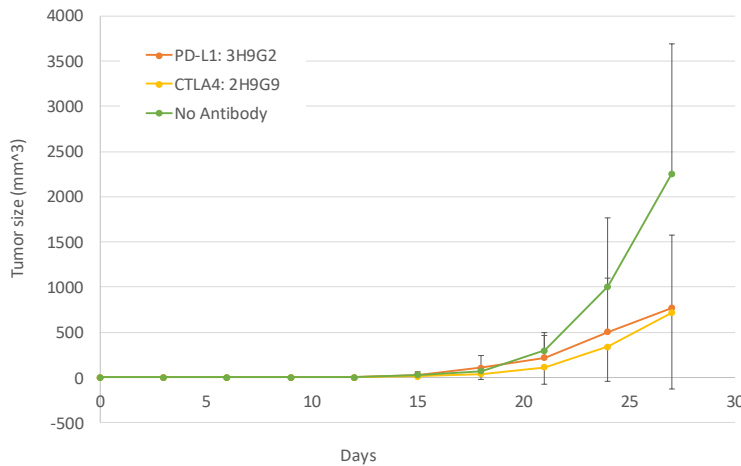
Efficacy of Anti-Immune Checkpoint Antibodies in Mouse Melanoma Models

Melanoma Model Protocol:



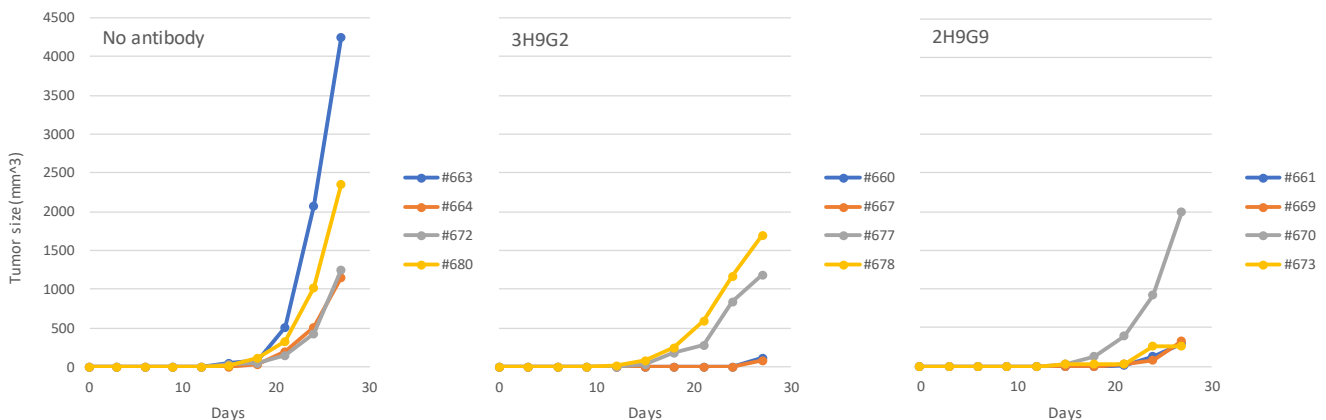
C57BL/6 mice received B16 melanoma cells (5×10^4 cells) intradermally (ID) on day 0, followed by intraperitoneal injections (IP) of 300 μ g of monoclonal antibodies on days 3, 6, 9, and 12. Tumor sizes were evaluated every 3 days until day 27.

Melanoma Tumor Size in Mice Treated with Anti-Immune Checkpoint Antibodies



Chondrex, Inc's mouse anti-mouse immune checkpoint monoclonal antibodies: anti-PD-L1 3H9G2 (Cat # 7134) and anti-CTLA4 2H9G9 (Cat # 7133) prevented 70% of melanoma tumor growth (Left). More specifically, 90% of melanoma cell growth was inhibited in 3 out of 4 mice who received 2H9G9 and in 2 out of 4 mice who received 3H9G2 (Below).

Melanoma Tumor Size in Individual Mice Treated with Anti-Immune Checkpoint Antibodies





Anti-Immune Checkpoint Antibodies*

| Target | Clone Name | Host | Amounts | Catalog # |
|-------------|------------|-------|-------------|-----------|
| Mouse CTLA4 | 2H9G9 | Mouse | 2 mg x 5 ml | 7133 |
| Mouse PD-L1 | 3H9G2 | Mouse | 2 mg x 5 ml | 7134 |

*Individual monoclonal antibodies against immune checkpoints for *in-vitro* studies are also available. Please visit www.chondrex.com or contact support@chondrex.com for more information.

Exosome Detection ELISA Kits

| Products | Catalog # |
|--|-----------|
| Human CD63 Expressed Exosome Detection Assay Kit | 6037 |
| Human CD9 Expressed Exosome Detection Assay Kit | 6036 |
| Human CD9 x CD63 Expressed Exosome Detection Assay Kit | 6038 |

S100A8 and S100A9 Detection ELISA Kits and Antibodies

| Products | Catalog # |
|--|-----------|
| Mouse S100A8 Detection Kit | 6054 |
| Rat Anti-Mouse S100A8 IgG2a Monoclonal Antibody, Clone 3B9C9 | 7164 |
| Mouse S100A9 Detection Kit | 6056 |
| Rat Anti-Mouse S100A9 IgG2a Monoclonal Antibody, Clone 8A8B9 | 7165 |

Cytokine & Chemokine ELISA Kits

| Cytokine Kit Catalog # | | | Chemokine Kit Catalog # | | |
|------------------------|--------------|-------|-------------------------|--------------|-------|
| Targets | Human | Mouse | Targets | Human | Mouse |
| IFN- γ | 6804 | 6704 | CCL2 | 6821 | 6721 |
| IL-1 β | 6805 | 6705 | CCL5 | 6822 | 6722 |
| IL-2 | 6811 | 6711 | CCL25 | 6823 | 6723 |
| IL-4 | 6803 | 6703 | CCL28 | 6824 | 6724 |
| IL-5 | 6813 | 6713 | CXCL1 | 6825 | 6725 |
| IL-6 | 6802 | 6702 | CXCL13 | Coming soon! | 6729 |
| IL-10 | 6806 | 6706 | CXCL14 | 6827 | 6727 |
| IL-13 | 6812 | 6712 | | | |
| IL-17 | 6808 | 6708 | | | |
| IL-23 | Coming soon! | 6714 | | | |
| TGF- β | 6809 | 6709 | | | |
| TNF- α * | 6801 | 6701 | | | |
| VEGF | 6810 | 6710 | | | |

*A Rat TNF- α ELISA Kit (Cat # 6901) is also available. Please visit www.chondrex.com or contact support@chondrex.com for more information.