

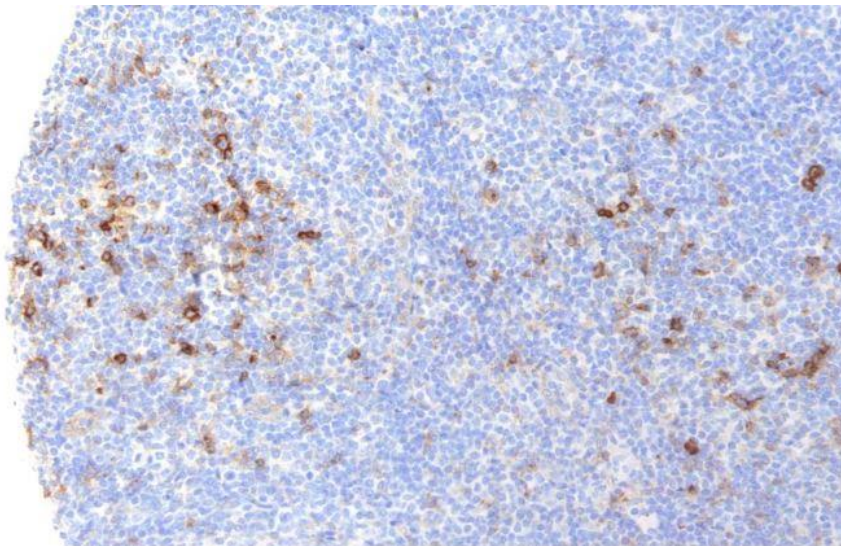


Catalog Number:	MO47051	Host:	Mouse
Product Type:	Mouse Monoclonal IgG	Species Reactivity:	Human
Immunogen Sequence:	Recombinant Human OX40/CD134	Format:	Liquid with Buffer: PBS, pH 7.4 with 0.02% Sodium Azide
Applications:	Immunohistochemistry: 1:1,000-3,000 ELISA: 1:1,000-2,000 Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.		
Storage:	The product can be stored undiluted for several weeks at 4°C. Dilute only immediately before use. Aliquot and store at -20°C long term. Avoid freeze thaw-cycles.		

Application Notes

Description/Data:

OX40 or CD134 is encoded by the TNFRSF4 gene, a member of the TNF-receptor superfamily. Expression of OX40 is found in activated CD4 and CD8 T cells, but is absent in resting naïve T cells and most resting memory T cells. OX40 Antibody detects the presence of OX40, which plays a major role in proliferation and differentiation of naïve T cells into a population of heterogeneous effector T cells, and has been found to promote proliferation and survival of CD8 T cells. Thus,



OX40 and its ligand, OX40L, is a key player in pathways involving the immune system such as long-term T-cell immunity.

*Image:
Immunohistochemistry
staining of MO47051 on
human tonsil tissue.*

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