

Anti-CD30 [YMSM636] Standard Size Ab01044-8.1

Isotype and Format: Rat IgG2b, Kappa

Clone Number: YMSM636

Alternative Name(s) of Target: TNFRSF8; YMSM 636.4.10; YMSM636; Tumor necrosis factor receptor superfamily member 8; CD30L receptor; Lymphocyte activation antigen CD30; Tnfrsf8

UniProt Accession Number of Target Protein: Q60846

Published Application(s): Activating, ELISA, FC

Published Species Reactivity: Human, Mouse

Immunogen: This antibody was raised by immunising rats with a mouse CD30 - human IgG1 fusion protein.

Specificity: This antibody recognises CD30 which is a receptor for TNFSF8/CD30L. It is thought to regulate cellular growth and lymphocytes development as well as gene expression via NF-kappa-B.

Application Notes: This antibody can be used to initiate apoptosis in isolated human peripheral blood eosinophils and thus it might be researched as a potential agent for therapeutic agents for hypereosinophilic diseases useful in the treatment of allergic diseases, respiratory diseases, skin diseases, autoimmune diseases, immunodeficiency diseases, digestive diseases, neoplastic diseases and parasitic infections (US20040156847A1).

Antibody First Published in: Miura et al. Remedies for eosinophilic diseases US20040156847A1 [PMID:](#)

Note on publication: This patent describes the application of this antibody in the apoptosis initiation in eosinophiles.

Product Form

Size: 200 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.