

DESCRIPTION

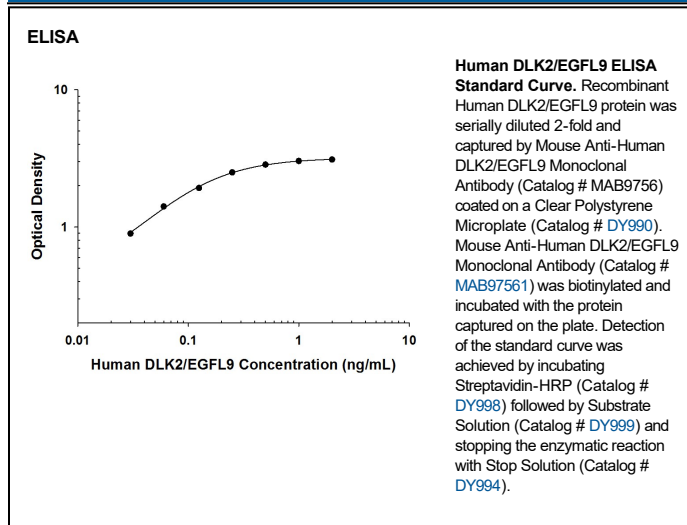
Species Reactivity	Human
Specificity	Detects human DLK2/EGFL9 in direct ELISAs.
Source	Recombinant Monoclonal Mouse IgG ₁ Clone # 908812R
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Human embryonic kidney cell line HEK-293-derived transfected with human DLK2/EGFL9 Asp27-Ser306 Accession # Q6UY11
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

ELISA This antibody functions as an ELISA capture antibody when paired with Mouse Anti-Human DLK2/EGFL9 Monoclonal Antibody (Catalog # MAB97561).
This product is intended for assay development on various assay platforms requiring antibody pairs.

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

DLK2 (protein delta homolog 2) also called Epidermal growth factor-like protein 9 (EGFL9) is a 383 aminoacid protein with a molecular weight of 40.5 kDa. DLK2 is a single-pass type I membrane protein and is a negative regulator in the Notch pathway. DLK2 regulates adipogenesis and 2 isoforms of the human protein have been described.