

Human DLK2/EGFL9 Antibody

Recombinant Monoclonal Mouse IgG₁ Clone # 908812R Catalog Number: MAB9756

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

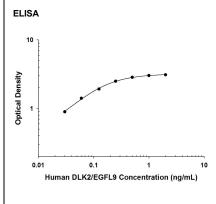
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

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



Human DLK2/EGFL9 ELISA Standard Curve. Recombinant Human DLK2/EGFL9 protein was serially diluted 2-fold and captured by Mouse Anti-Human DLK2/EGFL9 Monoclonal Antibody (Catalog # MAB9756) coated on a Clear Polystyrene Microplate (Catalog # DY990). Mouse Anti-Human DLK2/EGFL9 Monoclonal Antibody (Catalog # MAB97561) was biotinylated and incubated with the protein captured on the plate. Detection of the standard curve was achieved by incubating Streptavidin-HRP (Catalog # DY998) followed by Substrate Solution (Catalog # DY999) and stopping the enzymatic reaction with Stop Solution (Catalog # DY994).

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.

- 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.

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