



# Anti-EFEMP2 monoclonal antibody (DCABH-11363)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	A large number of extracellular matrix proteins have been found to contain variations of the epidermal growth factor (EGF) domain and have been implicated in functions as diverse as blood coagulation, activation of complement and determination of cell fate during development. The protein encoded by this gene contains four EGF2 domains and six calcium-binding EGF2 domains. This gene is necessary for elastic fiber formation and connective tissue development. Defects in this gene are cause of an autosomal recessive cutis laxa syndrome.
<b>Immunogen</b>	A synthetic peptide of human EFEMP2 is used for rabbit immunization.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Mouse, Human
<b>Purification</b>	Protein A
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IHC-P, WB
<b>Size</b>	100 µl
<b>Buffer</b>	pH: 7.2 Constituents: 0.35% Sodium citrate, 0.17% Sodium chloride, 0.03% EDTA, 59% PBS, 40% Glycerol, 0.05% BSA,
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">EFEMP2 EGF containing fibulin-like extracellular matrix protein 2 [ Homo sapiens ]</a>
Official Symbol	EFEMP2
Synonyms	EFEMP2; EGF containing fibulin-like extracellular matrix protein 2; EGF containing fibulin like extracellular matrix protein 2; EGF-containing fibulin-like extracellular matrix protein 2; FBLN4; fibulin 4; UPH1; FIBL-4; fibulin-4; mutant p53 binding protein 1; MBP1; ARCL1B;
Entrez Gene ID	<a href="#">30008</a>
Protein Refseq	<a href="#">NP_058634</a>
UniProt ID	<a href="#">A0A024R5G1</a>
Chromosome Location	11q13
Function	calcium ion binding; extracellular matrix structural constituent; protein binding; transmembrane signaling receptor activity;