



Anti-ALOX5AP monoclonal antibody (DCABH-10501)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein which, with 5-lipoxygenase, is required for leukotriene synthesis. Leukotrienes are arachidonic acid metabolites which have been implicated in various types of inflammatory responses, including asthma, arthritis and psoriasis. This protein localizes to the plasma membrane. Inhibitors of its function impede translocation of 5-lipoxygenase from the cytoplasm to the cell membrane and inhibit 5-lipoxygenase activation.
Immunogen	A synthetic peptide of human ALOX5AP is used for rabbit immunization.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Protein A
Conjugate	Unconjugated
Applications	Western Blot (Transfected lysate); ELISA
Buffer	In 1x PBS, pH 7.4
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [ALOX5AP arachidonate 5-lipoxygenase-activating protein \[Homo sapiens \]](#)

Official Symbol	ALOX5AP
Synonyms	ALOX5AP; arachidonate 5-lipoxygenase-activating protein; five lipoxygenase activating protein; FLAP; MK 886 binding protein; MK-886-binding protein;
Entrez Gene ID	241
Protein Refseq	NP_001191335
UniProt ID	A0A087WW23
Chromosome Location	13q12
Pathway	Eicosanoid Synthesis, organism-specific biosystem; IL-5 Signaling Pathway, organism-specific biosystem; Selenium Pathway, organism-specific biosystem;
Function	arachidonate 5-lipoxygenase activity; arachidonic acid binding; enzyme activator activity; enzyme binding; NOT glutathione peroxidase activity; NOT leukotriene-C4 synthase activity; protein N-terminus binding; protein binding; protein heterodimerization a