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**Product Name: FLAP Rabbit Monoclonal Antibody****Catalog #: AMRe86456**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:5000
<b>Molecular Weight</b>	Calculated MW:18 kDa; Observed MW:18 kDa

**Antigen Information**

<b>Gene Name</b>	FLAP
<b>Alternative Names</b>	ALOX5AP; MK-886-binding protein
<b>Gene ID</b>	241
<b>SwissProt ID</b>	P20292
<b>Immunogen</b>	A synthetic peptide of human FLAP

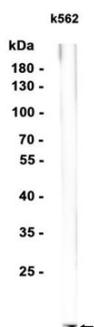
**Background**

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.

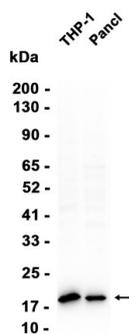
This protein localizes to the plasma membrane. Inhibitors of its function impede translocation of 5-lipoxygenase from the cytoplasm to the cell membrane and inhibit 5-lipoxygenase activation. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Feb 2011]

## Research Area

## Image Data



Western blot analysis of extracts from K562 cells using FLAP Rabbit Monoclonal Antibody at 1:1000.



Western blot analysis of extracts from THP-1, Panc1 cells using AMRe86456 at 1:500.