LP-PLA2 Monoclonal Antibody

Catalog No: #42042

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Description

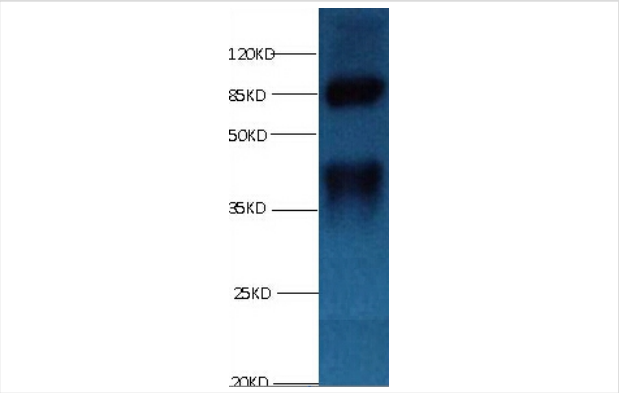
Product Name	LP-PLA2 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Purification	protein G purifed
Applications	WB IHC
Species Reactivity	Hu
Specificity	specific for Human PLA2G7 denatured and native forms
Immunogen Type	protein
Immunogen Description	Recombinant LP-PLA2 Protein
Target Name	LP-PLA2
Other Names	PLA2G7, PAFAH, LP-PLA2
Accession No.	Swiss-Prot#: Q13093
Uniprot	Q13093
GeneID	7941;
Calculated MW	48kd
Concentration	1.0mg/mL
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

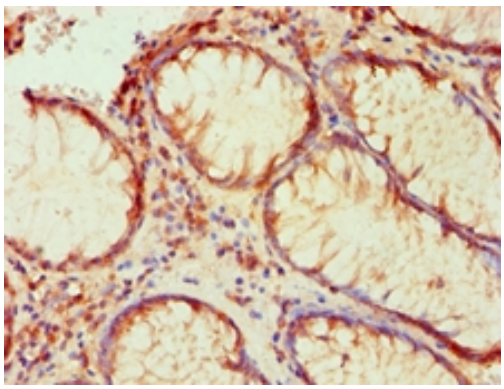
Western blotting: 1:500 - 1:1000

Immunohistochemistry: 1:20 - 1:200

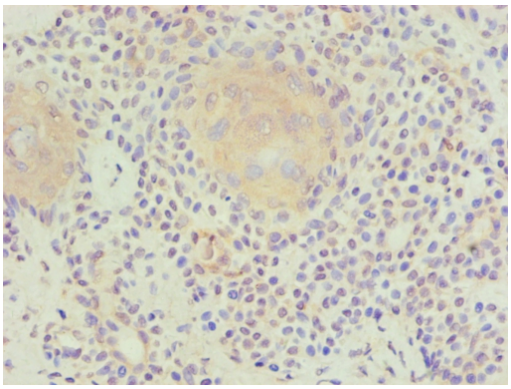
Images



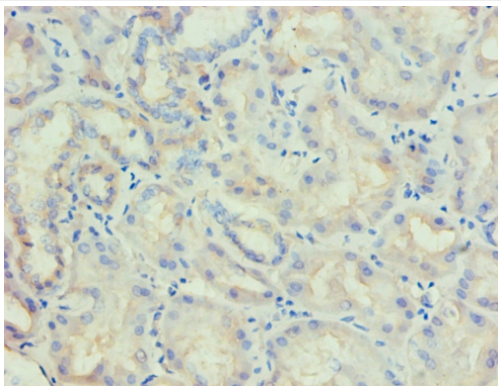
All lanes : Mouse anti-human Platelet-activating factor acetylhydrolase monoclonal Antibody at 1ug/ml
Lane 1:mouse spleen tissue
Secondary:HRP labeled Goat polyclonal to Mouse IgG at 1/3000 dilution
Predicted band size : 48kd
Observed band size : 44kd
Additional bands at: 85kd(We are unsure as to the identity of this extra band.)



Immunohistochemical analysis of paraffin-embedded human colon cancer using #42042 at dilution of 1:200.



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42042 at dilution of 1:200.



Immunohistochemical analysis of paraffin-embedded human kidney tissue using #42042 at dilution of 1:200.

Background

Platelet-activating factor acetylhydrolase deficiency (PAFAD) : An enzymatic deficiency that results in exacerbated bodily response to inflammatory agents. It can be associated with several disease states including inflammatory gastrointestinal disorders, asthma and atopy. Asthmatic individuals with PAFAD may manifest aggravated respiratory symptoms.

References

[1] Mungall A.J., Palmer S.A., Sims S.K., Edwards C.A., Ashurst J.L., Wilming L., Jones M.C., Horton R., Hunt S.E., Scott C.E., Gilbert J.G.R., Clamp M.E., Bethel G., Milne S.,Ainscough R., Almeida J.P., Ambrose K.D., Andrews T.D.Beck S.The DNA sequence a

Note: This product is for in vitro research use only