LTC_4 monoclonal antibody (6E7)

Leukotrienes are metabolic products of arachidonic acid formed by the action of 5-lipoxygenase (5-LO), with the principal products being leukotrienes C4 (LTC4) and B4 (LTB4). Leukotriene B4 (LTB4) stimulates leukocyte functions including lysosomal enzyme release, adhesion, and aggregation of polymorphonuclear leukocytes. LTB4 has been implicated as a potent mediator of inflammatory diseases and immunoregulation. The cysteinyl leukotrienes (LTC4, LTD4, and LTE4) are formed by addition of cysteine derivatives to LTA4. The conversion of LTA4 to LTC4 by the enzyme LTC4 synthase limits the rate of cysteinyl leukotriene formation. Cysteinyl leukotrienes are potent lipid mediators in inflammation, inducing smooth muscle contractions and increased capillary permeability.

This antibody is covered by our Worry-Free Guarantee.

Citations: 1 View Online »

Ordering Information

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ADI-905-902-0050	50µg
ADI-905-902-0200	200µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Leukotriene C4
Application	ELISA, Radioimmunoassay
Clone	6E7
Formulation	Liquid. In PBS, pH 7.2, containing 50% glycerol and 0.09% sodium azide.
Host	Mouse
Immunogen	Leukotriene C4
Isotype	IgG
Purity Detail	Protein G affinity purified.
Recommendation Dilutions/Conditions	Radioimmunoassay (1:1,000)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.
Source	Purified from mouse ascites.
Species Reactivity	Human, Mouse, Rat
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

Last modified: May 29, 2024

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