

Product datasheet for **PM1206P**

LEC (CCL16) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, FN, WB
Recommended Dilution:	Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of Human LEC (100 ng/ml), a concentration of 1.0-5.0 µg/ml of this antibody is required. ELISA: In a sandwich ELISA (assuming 100 µl/well), a concentration of 1-2 µg/ml of this antibody will detect at least 0.03 ng/well of recombinant human LEC when used with biotinylated antigen affinity purified anti-human LEC as the detection antibody at a concentration of at least 1 µg/ml. Western Blot: To detect hLEC by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hLEC is 0.5-1.0 ng/lane, under reducing or non-reducing conditions.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) recombinant Human LEC
Specificity:	This antibody recognises Human LEC.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified Ig fraction.
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody prior to reconstitution at -20°C. Following reconstitution the antibody can be stored at 2-8°C for one month or at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	C-C motif chemokine ligand 16



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Database Link: [Entrez Gene 6360 Human O15467](#)

Background: LEC (liver expressed cytokine) displays chemotactic activity for lymphocytes and monocytes but not for neutrophils. It also shows a potent myelosuppressive activity and suppresses proliferation of myeloid progenitor cells. Its expression is upregulated by IL10.

Synonyms: C-C motif chemokine 16, Chemokine LEC, Liver-expressed chemokine, Monotactin-1, Chemokine CC-4, LCC1, LCC-1, NCC-4, ILINCK, SCYA16