

Product datasheet

Anti-LEC antibody ab628

Overview

Product name	Anti-LEC antibody
Description	Mouse monoclonal to LEC
Host species	Mouse
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Human
Immunogen	Recombinant hLEC
Positive control	Recombinant human LEC protein (ab627) can be used as a positive control in WB.
General notes	Monoclonal antibodies were produced in BALB/c X ICR F1 mice.

Properties

Form	Lyophilised:Reconstitute with 500µl of sterile water.
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
Purity	Protein A purified
Purification notes	Sterile filtered.
Clonality	Monoclonal
Isotype	IgG1
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab628** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		Use at an assay dependent concentration. In a sandwich ELISA (assuming 100µl/well), a concentration of 1-2 µg/ml of this antibody will detect at least 0.03ng/well of recombinant human LEC.

Target

Function	Shows chemotactic activity for lymphocytes and monocytes but not neutrophils. Also shows potent myelosuppressive activity, suppresses proliferation of myeloid progenitor cells. Recombinant SCYA16 shows chemotactic activity for monocytes and THP-1 monocytes, but not for resting lymphocytes and neutrophils. Induces a calcium flux in THP-1 cells that were desensitized by prior expression to RANTES.
Tissue specificity	Mainly expressed in liver, also found in spleen and thymus. Highly expressed in LPS- and IFN-gamma-activated monocytes, weakly in some lymphocytes, including natural killer cells, gamma-delta T-cells, and some T-cell clones.
Sequence similarities	Belongs to the intercrine beta (chemokine CC) family.
Cellular localization	Secreted.

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