

**Docket #:** S92-045

# **Novel Endothelial Adhesion Molecule for Monocytes: L11-CD43**

## **Novel Endothelial Adhesion Molecule for Monocytes**

The invention consists of the ability to treat inflammatory and autoimmune disorders by blocking the ability of endothelial cells expressing the LM151 antigen, or other mammalian homologues thereof, to bind circulating monocytes, thus altering leukocyte recruitment from the blood and modulating local inflammatory responses. The invention also permits targeting of immunomodulatory agents or cytokines to inflamed endothelium in vivo, through induced expression of the LM151 antigen.

The invention is applicable to the modulation of inflammation, in a variety of clinically important disease states, involving acute, subacute, and chronic inflammation, and atherosclerosis.

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