

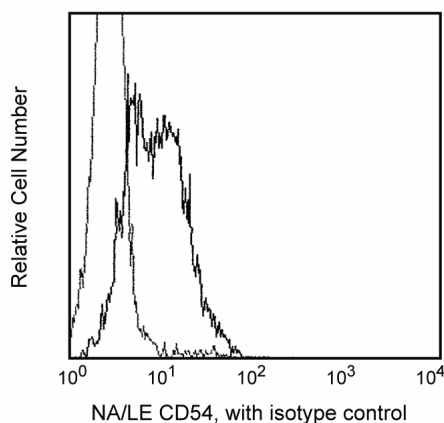
## Technical Data Sheet

**Purified NA/LE Mouse Anti-Human CD54****Product Information**

<b>Material Number:</b>	555509
<b>Alternate Name:</b>	ICAM-1
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	1.0 mg/ml
<b>Clone:</b>	HA58
<b>Isotype:</b>	Mouse IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Human
<b>Workshop:</b>	VI A095
<b>Storage Buffer:</b>	No azide/low endotoxin: Aqueous buffered solution containing no preservative, 0.2 $\mu$ m sterile filtered. Endotoxin level is $\leq$ 0.01 EU/ $\mu$ g ( $\leq$ 0.001 ng/ $\mu$ g) of protein as determined by the LAL assay.

**Description**

Reacts with the 85-110 kDa integral membrane glycoprotein, also known as intracellular adhesion molecule-1 (ICAM-1), expressed on endothelial cells and both resting (weak) and activated (moderate) lymphocytes and monocytes. CD54 is a ligand for the leukocyte function antigen-1 (CD11a). CD54 antibodies are used for the studies of inflammatory processes and neoplasia.



*Profile of resting peripheral blood lymphocytes analyzed on a FACScan (BDIS, San Jose, CA).*

**Preparation and Storage**

Store undiluted at 4°C.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

**Application Notes****Application**

Flow cytometry

Routinely Tested

**Suggested Companion Products**

Catalog Number	Name	Size	Clone
554721	Purified NA/LE Mouse IgG1 $\kappa$ Isotype Control	0.5 mg	107.3
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Polyclonal

**Product Notices**

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
3. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

**References**

Kishimoto T, von dem Borne AEG, Goyert SM, et al., ed. *Leucocyte Typing VI: White Cell Differentiation Antigens*. London: Garland Publishing; 1997. (Biology)

**BD Biosciences**

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