

Product datasheet for **AM05615FC-N**

ICOS Ligand (ICOSLG) Mouse Monoclonal Antibody [Clone ID: MIH11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	MIH11
Applications:	FC
Recommended Dilution:	FC
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	CD275 - L cells. Spleen cells from immunised BALB/c mice were fused with cells of the P3U1 myeloma cell line.
Specificity:	This antibody detects CD275, also known as ICOS ligand (inducible T cell co-stimulator ligand). This clone MIH11 is reported to partially block the interaction between CD275 and CD278.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	FITC
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Predicted Protein Size:	33.2 kDa
Gene Name:	inducible T-cell costimulator ligand
Database Link:	NP_056074 Entrez Gene 23308 Human O75144



[View online »](#)

Background: CD275 is a member of the B7 family, and interaction with its receptor CD278 (ICOS) plays an important role in T cell co-stimulation and inflammatory immune reactions. CD275 is expressed on activated B-cells, monocytes and dendritic cells and is also induced on non-lymphoid tissue cells such as endothelial cells, epithelial cells and muscle cells. CD275 has an important physiological role in the reactivation of effector/memory T cells on the endothelium, thus controlling entry of immune cells into inflamed tissue. The CD278-CD275 pathway is thought to be critical in the immune response to transplants, allergies and autoimmune diseases.

Synonyms: B7-H2; B7H2; B7RP-1; B7RP1; CD275; GL50; ICOS-L; ICOSL; KIAA0653; LICOS

Protein Families: Transmembrane

Protein Pathways: Cell adhesion molecules (CAMs)

Product images:

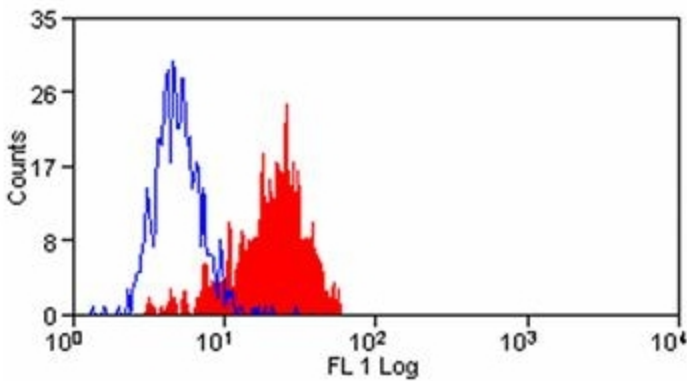


Figure 1. Staining of Human peripheral blood monocytes with Mouse anti Human CD275 antibody FITC conjugated