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TECHNICAL DATASHEET

Monoclonal Anti-CD90

Clone H169V2/L1D33V1

Ref # BIO.060.0

Product description

Description	Monoclonal antibody to CD90
Host species	Recombinant humanized antibody
Isotype	Human IgG1,Kappa
Validated applications	ELISA, Immunofluorescence, Flow cytometry
Species reactivity	Human

Properties

Form	Liquid
Storage instructions	Store at +4°C short term (< 1 month). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles
Storage buffer	Phosphate Buffer 10mM - NaCl 0.15M - pH 7,4
Production	Production in CHO cells. Purified IgG fraction prepared by affinity chromatography on protein A
Purification	Purified IgG fraction prepared by affinity chromatography on protein A
Restrictions	For research use only. Not for use in diagnostic or therapeutics procedures.

Applications

ELISA	Use at an assay dependent dilution
IF	Suggested dilution: 10 µg/mL
Flow cytometry	Suggested dilution: 10 µg/mL

Optimal dilutions/concentrations should be determined by the end user

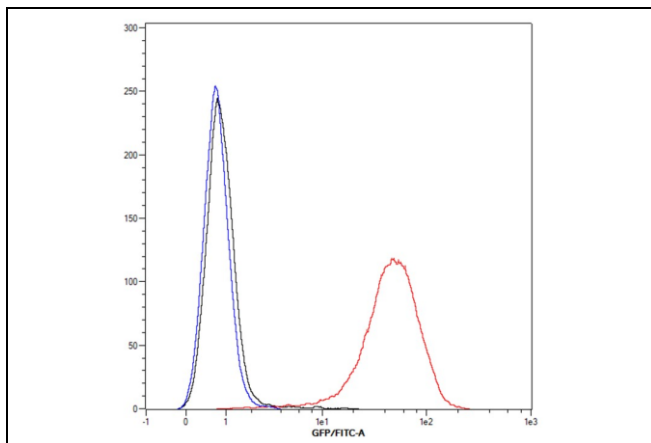


Image 1: Flow cytometry of Jurkat cells stained in suspension with Biotem CD90 humanized antibody H169V2/L1D33V1 at 10ug/ml (red). FITC secondary antibody was used do visualize CD90 expression (Goat anti-human IgG Fc FITC Invitrogen, 1:1000). Unstained cells (blue) and FITC secondary antibody only stained cells (black) were used as negative control.

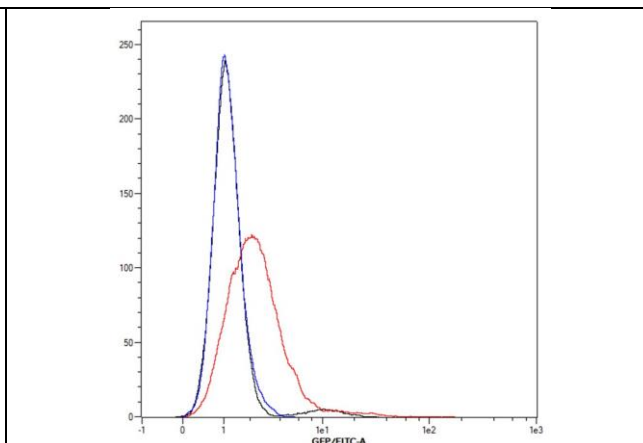


Image 2: Flow cytometry of Kasumi cells stained in suspension with Biotem CD90 humanized antibody H169V2/L1D33V1 at 10ug/ml (red). FITC secondary antibody was used do visualize CD90 expression (Goat anti-human IgG Fc FITC Invitrogen, 1:1000). Unstained cells (blue) and FITC secondary antibody only stained cells (black) were used as negative control.

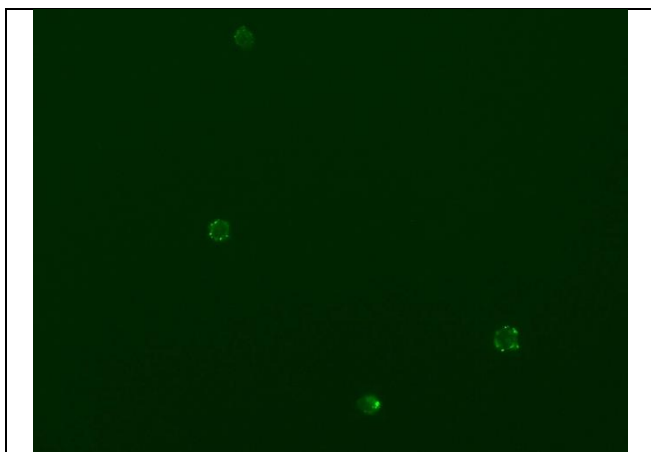


Image 3: Microscopy images of Jurkat cells stained in suspension with Biotem CD90 humanized antibody H169V2/L1D33V1 (10ug/ml). FITC secondary antibody was used do visualize CD90 expression in green (Goat anti-human IgG Fc FITC Invitrogen, 1:1000). Scale bar 75um.

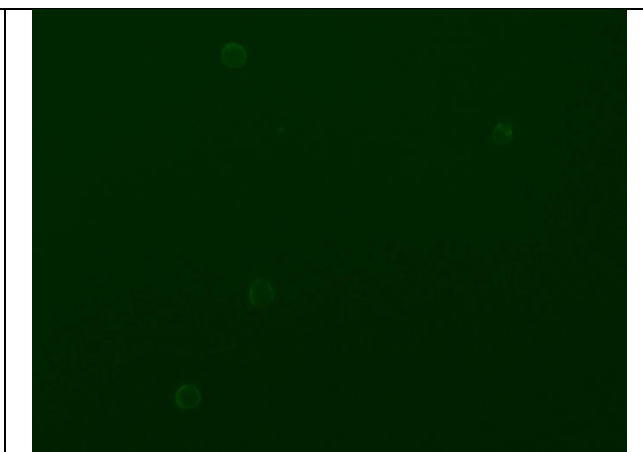


Image 4: Jurkat cells stained with FITC secondary only (Goat anti-human IgG Fc FITC Invitrogen, 1:1000, green) used as negative control. Scale bar 75um.