

CD166 antibody [AZN-L50]

Cat. No. GTX54415

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ICC/IF, IHC-P, IHC-Fr, FCM, IP, Neutralizing /Inhibition
Reactivity	Human

Package
50 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	4µg/ml antibody / 2x10 ⁵ K562 cells
IP	Assay dependent
Neutralizing /Inhibition	Assay dependent

Note : A non-reduced sample treatment and 5 % SDS-Page was used. The mature protein has a band size of 100 kDa and the soluble form 30 kDa.

Tissue sections were pretreated by heating in a rice steamer in citrate buffer for 10 minutes for antigen retrieval. Tissue sections were blocked with normal horse serum.

Tissue sections were fixed in acetone

Radioactive labelled KG1a cells were lysed and precipitated with 1 µg of antibody coupled to Protein G Sepharose 4 Fast Flow beads.

Antibody AZN-L50 functions as an blocking antibody for homotypic ALCAM-ALCAM interaction.

Not tested in other applications.

Calculated MW 65 kDa. ([Note](#))

Product Note This antibody stains the extracellular domain of ALCAM. The monoclonal antibody AZN-L50 completely blocks homophilic ALCAM-ALCAM interaction.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	No preservatives



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Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	CD166 expressing K562 cells
Purification	Purified IgG2a
Conjugation	Unconjugated
Note	<p>For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.</p> <p>Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.</p>



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