Human/Rat Lyn Alexa Fluor® 488-conjugated Antibody

Monoclonal Mouse IgG_{2B} Clone # 338716

Catalog Number: FAB3206G

100 µg

DESCRIPTION

Species Reactivity	Human/Rat
Specificity	Detects human and rat Lyn.
Source	Monoclonal Mouse IgG_{2B} Clone # 338716
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	*E. coli*-derived recombinant human Lyn Met1-Ile67 Accession # P07948
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

The nonreceptor tyrosine kinase Lyn (lck/yes-related novel tyrosine kinase) is widely expressed, and the predominant Src family member present in B cells. Activation of Lyn occurs upon its association with cell surface receptors such as BCR and CD40. Analyses from both loss- and gain-of-function mutant mice have revealed that Lyn is an essential regulator of B cell activation, maturation, and tolerance.

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Bio-Techne®
Global | bio-techne.com info@bio-techne.com techsupport@bio-techne.com TEL: 1.612.379.2956
USA | TEL: 800.343.7475 Canada | TEL: 855.668.8722 Europe | Middle East | Africa TEL: +44.0.1235.529449
China | info.cn@bio-techne.com TEL: 400.821.3475