Human BLNK Alexa Fluor® 488-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4966G
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects endogenous human BLNK in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human BLNK Gly226-Ser456 Accession # Q8WV28
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.
Immunohistochemistry	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

BLNK (B cell linker protein; also SLP-65 and BASH) is a 50 kDa (predicted) cytoplasmic protein that runs anomalously at 65-70 kDa in SDS-PAGE. It is a B cell adapter molecule that, following phosphorylation by Syk, serves as a scaffold for assembly of macromolecular complexes that involve Grb2, Vav and PLCγ. Tyrosine phosphorylation occurs at Tyr72/84/96/178/189. Human BLNK is 456 amino acids (aa) in length and it contains a Pro-rich region (aa 98-260) and one SH2 domain (aa 346-453). More than 10 potential splice variants have been detected and among these are four which show single in-frame deletions between aa 203-225, 366-417, 146-417 and 211-456, respectively. Over aa 226-456, human BLNK shares 87% and 83% aa identity with canine and mouse BLNK, respectively.

PRODUCT SPECIFIC NOTICES

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