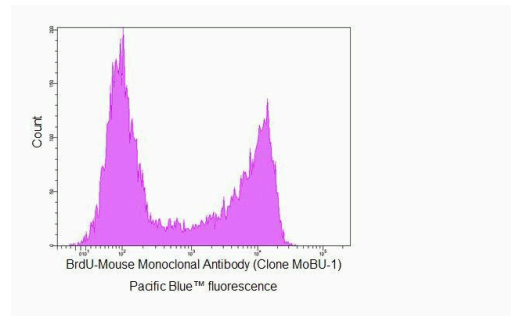


BrdU Monoclonal Antibody (MoBU-1), Pacific Blue™

Product Details	
Size	100 Tests
Species Reactivity	Chemical
Published Species	Chemical
Host/Isotype	Mouse / IgG
Class	Monoclonal
Type	Antibody
Clone	MoBU-1
Conjugate	Pacific Blue™
Excitation/Emission Max	404/455 nm
Immunogen	BrdU
Form	Liquid
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	5mM sodium azide
Storage conditions	4° C
RRID	AB_2536433

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Flow Cytometry (Flow)	Assay-dependent	12 Publications

Product Images For BrdU Monoclonal Antibody (MoBU-1), Pacific Blue™



BrdU Antibody (B35129) in Flow
Jurkat T-cell leukemia cells were treated with 10µM BrdU for 1.5 hours. The cells were then fixed in ETOH and stored overnight at -20°C. An acid denaturation method was used to prepare the cells before labeling with BrdU mouse monoclonal antibody (Clone MoBU-1) Pacific™ Blue *for flow cytometry* *100 tests* to detect the incorporated BrdU, each using 5 µL antibody conjugate labeling 1 x 10^6 cells. Proliferating cells are clearly distinguished from non-proliferating cells.

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Western Blot (1)

<p>The Journal of clinical investigation</p> <p>Kaposi sarcoma-associated herpesvirus miRNAs suppress CASTOR1-mediated mTORC1 inhibition to promote tumorigenesis.</p> <p>"B35129 was used in Western Blotting to define the mechanism of KSHV activation of the mTORC1 pathway and establish the scientific basis for targeting this pathway to treat KSHV-associated cancers."</p> <p>Authors: Li T,Ju E,Gao SJ</p>	<p>Year 2019</p> <p>Species Chemical</p>
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Flow Cytometry (12)

<p>JCI insight</p> <p>Partial loss-of-function mutations in GINS4 lead to NK cell deficiency with neutropenia.</p> <p>"B35129 was used in Flow cytometry/Cell sorting to demonstrate biallelic partial loss-of-function mutations in GINS4, defining a potentially novel disease-causing gene underlying NKD with neutropenia."</p> <p>Authors: Conte MI,Poli MC,Taglialatela A,Leuzzi G,Chinn IK,Salinas SA,Rey-Jurado E,Olivares N,Veramendi-Espinoza L,Ciccio A,Lupski JR,Aldave Becerra JC,Mace EM,Orange JS</p>	<p>Year 2022</p> <p>Species Chemical</p>
<p>Nature communications</p> <p>RNF167 activates mTORC1 and promotes tumorigenesis by targeting CASTOR1 for ubiquitination and degradation.</p> <p>"B35129 was used in Flow Cytometry to study K29-linked polyubiquitination and degradation of CASTOR1 by E3 ubiquitin ligase RNF167."</p> <p>Authors: Li T,Wang X,Ju E,da Silva SR,Chen L,Zhang X,Wei S,Gao SJ</p>	<p>Year 2021</p> <p>Species Chemical</p>

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