OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA389061

BSD Rabbit Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ICC, WB
Recommended Dilution:	**WB**: 1:1000 **ICC**: 1:100
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthetic peptide (coupled to KLH) corresponding to amino acid residues in the N-terminal region of Blasticidin S Deaminase* from Aspergillus Terreus.
Specificity:	The antibody detects a 13 kDa* protein corresponding to the molecular mass of Bsd on SDS-PAGE immunoblots of 293 cells transfected with a lentiviral vector that expresses the Bsd gene product, but is not detected in mock transfected cells.
Formulation:	PBS + 1 mg/ml BSA, 0.05% NaN3 and 50% glycerol
Concentration:	lot specific
Purification:	Antigen Affinity Purified
Conjugation:	Unconjugated
Storage:	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at -20°C.
Stability:	After date of receipt, stable for at least 1 year at -20°C.
Predicted Protein Size:	13
Background:	Retroviral vectors are commonly used for gene expression in vitro and in vivo. The structure of these vectors usually consists of one gene of interest and a selectable marker gene. Fast selection without damaging cells is a critical step for significant gene expression. Blasticidin S deaminase (Bsd) isolated from Bacillus cereus has a neutralizing action on the highly toxic antibiotic blasticidin. A variety of commercially available retroviral vectors, such lentiviral expression systems, utilize Bsd expression for selection using blasticidin. This selectable marker allows selection of stable mammalian cell lines in as little as one week. Catalog# BP1231 is a Bsd antibody that can detect Bsd expression in cells transfected with blasticidin-selectable constructs. This antibody is useful for detection of successful gene transfer in constructs that utilize blasticidin selection.

View online »

Note: Antigen affinity purified rabbit serum.