

# Product Datasheet

## **p62/SQSTM1 Antibody [Alexa Fluor® 647] NBP1-42822AF647**

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP1-42822AF647**

p62/SQSTM1 Antibody [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.05% Sodium Azide
Isotype	IgG
Conjugate	Alexa Fluor 647
Purity	Immunogen affinity purified
Buffer	50mM Sodium Borate

Product Description	
Host	Rabbit
Gene ID	8878
Gene Symbol	SQSTM1
Species	Human, Mouse, Rat
Immunogen	A synthetic peptide made to an internal region of the human p62/SQSTM1 protein (within residues 400-450). [Swiss-Prot Q13501]
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or <a href="mailto:outlicensing@lifetech.com">outlicensing@lifetech.com</a> . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Knockout Validated
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.



## Publications

Ritzel RM, Li Y, Lei Z et al. Functional and transcriptional profiling of microglial activation during the chronic phase of TBI identifies an age-related driver of poor outcome in old mice GeroScience 2022-04-22 [PMID: 35451674]

Lei, Z;Krishnamachary, B;Ritzel, RM;Khan, NZ;Li, Y;Li, H;Brunner, K;Faden, AI;Wu, J; Age-related changes in plasma extracellular vesicles influence neuroinflammation in the brain and neurological outcome after traumatic spinal cord injury Research square 2023-04-17 [PMID: 37131758] (Flow Cytometry, Mouse)

Li Y, Lei Z, Ritzel RM Et al. Impairment of autophagy after spinal cord injury potentiates neuroinflammation and motor function deficit in mice Theranostics 2022-08-01 [PMID: 35910787] (FLOW, Mouse)

### Details:

Citation using the Alexa Fluor 647 version of this antibody.





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### **Products Related to NBP1-42822AF647**

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NBP2-24891AF647	Rabbit IgG Isotype Control [Alexa Fluor® 647]
NBP1-42822AF700	p62/SQSTM1 Antibody [Alexa Fluor® 700]
NBP1-44490	Recombinant Human p62/SQSTM1 His Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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