

Datasheet for ABIN2683014
anti-SSTR3 antibody (AA 1-43)

5 Images

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Overview

Quantity:	0.1 mg
Target:	SSTR3
Binding Specificity:	AA 1-43
Reactivity:	Human, Rat
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human SSTR3 (AA: 1-43) expressed in E. coli.
Clone:	7H8E5
Isotype:	IgG1
Purification:	purified

Target Details

Target:	SSTR3
Alternative Name:	SSTR3 (SSTR3 Products)
Background:	<p>Description: This gene encodes a member of the somatostatin receptor protein family. Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28</p>

Target Details

amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This protein is functionally coupled to adenylyl cyclase. Alternate splicing results in multiple transcript variants.

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Aliases: SS3R, SS3-R, SS-3-R, SSR-28

Molecular Weight:	45.8 kDa
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Gene ID:	6753
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HGNC:	6753
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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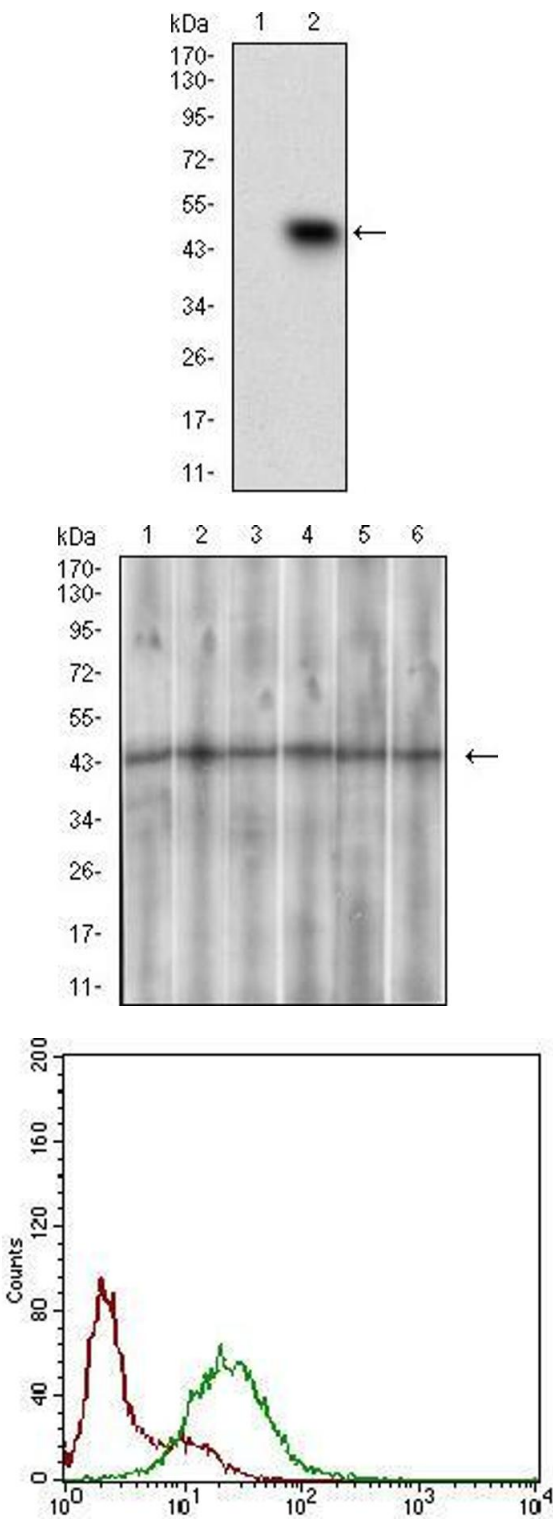
Buffer:	Purified antibody in PBS with 0.05 % sodium azide.
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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Western Blotting

Image 1. Western blot analysis using SSTR3 mAb against HEK293 (1) and SSTR3 (AA: 1-43)-hlgGfc transfected HEK293 (2) cell lysate.

Western Blotting

Image 2. Western blot analysis using SSTR3 mouse mAb against Hela (1), PANC-1 (2), PC-12 (3),SK-N-SH (4), U937 (5) and HepG2 (6) cell lysate.

Flow Cytometry

Image 3. Flow cytometric analysis of Hela cells using SSTR3 mouse mAb (green) and negative control (red).

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN2683014.