

Datasheet for ABIN1326944
anti-Neuropilin 1 antibody (AA 23-644)



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1 Publication

Overview

Quantity:	100 µg
Target:	Neuropilin 1 (NRP1)
Binding Specificity:	AA 23-644
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neuropilin 1 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full length recombinant NRP1.
Immunogen:	NRP1 (AAH07533.1, 23 a.a. ~ 644 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	RNDKCGDTIK IESPGYLTSP GYPHSYHPSE KCEWLIQAPD PYQRIMINFN PHFDLEDRDC KYDYVEVFDG ENENGHFRGK FCGKIAPPPV VSSGPFLFIK FVSDYETHGA GFSIRYEIFK RGPECSQNYT TPSGVIKSPG FPEKYPNSLE CTYIVFALKM SEIILEFESF DLEPDSNPPG GMFCRYDRLE IRDGFPDVGP HIGRYCGQKT PGRIRSSSGI LSMVFYTD SA IAKEGFSANY SVLQSSVSED FKCMEALGME SGEIHSQDIT ASSQYSTNWS AERSRLNYPE NGWTPGEDSY REWIQVDLGL LRFVTAVGTQ GAISKETKKK YYVKTYKIDV SSNGEDWITI KEGNKPVLFG GNTNPTDVVV AVFPKPLITR FVRIKPATWE TGISMRFEVY GCKITDYPCS GMLGMVSGLI SDSQITSSNQ GDRNWMPENI RLVTSRSGWA LPPAPHSYIN EWLQIDL GEE KIVRGIIIQG GKHRENVFMR RKFKIGYSNN GSDWKMIMDD SKRKAKSFEG NNNYDTPELR TFPALSTRFI

Product Details

	RIYPERATHG GLGLRMELLG CEVEAPTAGP TTPNGNLVDE CDDDQANCHS GTGDDFQLTG GTTVLATEKP TVIDSTIQSG IK
Clone:	3G6-2C5
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

Target:	Neuropilin 1 (NRP1)
Alternative Name:	NRP1 (NRP1 Products)
Background:	Full Gene Name: neuropilin 1 Synonyms: BDCA4,CD304,DKFZp686A03134,DKFZp781F1414,NP1,NRP,VEGF165R
Gene ID:	8829
Pathways:	Regulation of Cell Size , Signaling Events mediated by VEGFR1 and VEGFR2 , Smooth Muscle Cell Migration , Platelet-derived growth Factor Receptor Signaling , VEGFR1 Specific Signals

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Publications

Product cited in:	Battaglia, Buzzonetti, Monego, Peri, Ferrandina, Fanfani, Scambia, Fattorossi: "Neuropilin-1 expression identifies a subset of regulatory T cells in human lymph nodes that is modulated by preoperative chemoradiation therapy in cervical cancer." in: Immunology , Vol. 123, Issue 1, pp.
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129-38, (2007) ([PubMed](#)).