

Merlin Antibody | anti-MERL antibody

Merlin (Phospho-Ser10) Antibody

CATALOG # AAA109181	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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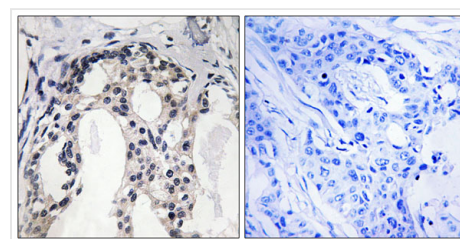
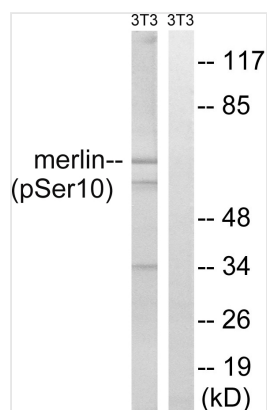
PRODUCT SYNONYMS

Merlin; Merlin (Phospho-Ser10) Antibody; moesin-ezrin-radixin-like protein; neurofibromatosis type 2 gene; neurofibromatosis-2; Neurofibromin 2; NF-2; NF2; SCH; Schwannomerlin; schwannomerlin; Schwannomin; anti-MERL antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	Merlin (Phospho-Ser10) antibody detects endogenous levels of Merlin only when phosphorylated at serine 10.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	595
Applicable Applications for anti-MERL antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Merlin around the phosphorylation site of serine 10 (R-M-SP-F-S).
All Sites	Human: Ser10 Mouse: Ser10 Rat: Ser6
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Merlin (Phospho-Ser10) antibody. Western blot analysis of extracts from 3T3 cells, treated with IFN (2500U/ml, 30mins), using Merlin (Phospho-Ser10) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MERL antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Trofatter J.A., Cell 72:791-800(1993). Rouleau G.A., Nature 363:515-521(1993). Zucman-Rossi J., Hum. Mol. Genet. 7:2095-2101(1998).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557795
NCBI GeneID	4771
NCBI Accession #	NP_000259.1
NCBI GenBank Nucleotide #	NM_000268.3
UniProt Accession #	P35240; O95683; Q8WUJ2; Q969N0; Q969Q3; Q96T30; Q96T31; Q96T32; Q96T33; Q9BTW3; Q9UNG9; Q9UNH3
Molecular Weight	24,515 Da
NCBI Official Full Name	merlin isoform 1
NCBI Official Synonym Full Names	neurofibromin 2
NCBI Official Symbol	NF2
NCBI Official Synonym Symbols	ACN; SCH; BANF
NCBI Protein Information	merlin
UniProt Protein Name	Merlin
UniProt Gene Name	NF2
UniProt Synonym Gene Names	SCH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/merl-human-mouse-rat-antibody/merlin/109181>