

Rabbit anti-Human HER-3/c-erbB-3 Monoclonal Antibody | anti-HER-3/c-erbB-3 antibody

HER-3/c-erbB-3 RMaB

CATALOG # AAA59291	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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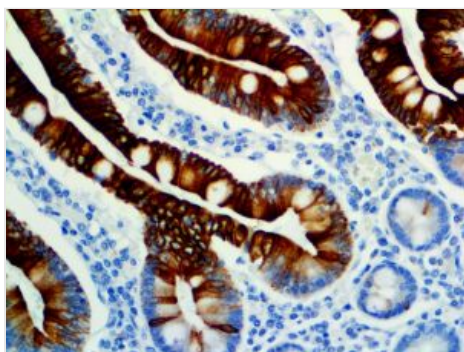
PRODUCT SYNONYMS

HER-3/c-erbB-3; Monoclonal Antibody; HER-3/c-erbB-3 RMaB; anti-HER-3/c-erbB-3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Clone Number	RBT-HER3
Form/Format	HER-3 is a rabbit monoclonal antibody derived from cell culture supernatant that is concentrated, dialyzed, filter sterilized and diluted in buffer pH 7.5, containing BSA and sodium azide as a preservative.
Applicable Applications for anti-HER-3/c-erbB-3 antibody	IHC (Immunohistochemistry)
Localization	Membranous
Control	Colon, Cervix, Bladder TCC
Intended Use	This antibody is intended for use in Immunohistochemical applications on formalin-fixed paraffin-embedded tissues (FFPE), frozen tissue sections and cell preparations. Interpretation of results should be performed by a qualified medical professional.
Immunogen	A synthetic peptide corresponding to human c-erb-3 (HER-3) protein.
Preparation and Storage	Store at 2 to 8 degree C in the dark.

IMAGES



IHC (Immunohistochemistry)
IHC of HER-3 on an FFPE Colon Tissue

Antibody Type	Dilution	Volume/Qty
Tinto Prediluted	Ready-to-Use	3.0 mL
Tinto Prediluted	Ready-to-Use	7.0 mL
Tinto Prediluted	Ready-to-Use	15.0 mL
Concentrated	1:25 - 1:100	0.1 mL
Concentrated	1:25 - 1:100	0.5 mL
Concentrated	1:25 - 1:100	1.0 mL
Control Slides	Not Applicable	5 slides

Dilution Info

ADDITIONAL INFORMATION

Related Product Information for anti-HER-3/c-erbB-3 antibody	Receptor tyrosine-protein kinase erbB-3, also known as HER-3 (Human Epidermal Growth Factor Receptor 3), is a membrane bound protein that in humans is encoded by the ERBB3 gene. HER-3 has been shown to bind the ligands heregulin and NRG-2. Ligand binding causes a change in conformation that allows for dimerization, phosphorylation, and activation of signal transduction. HER-3 can heterodimerize with any of the other three ErbB family members. During human development, HER-3 is expressed in skin, bone, muscle, nervous system, heart, lungs, and intestinal epithelium and is expressed in normal adult human gastrointestinal tract, reproductive system, skin, nervous system, urinary tract, and endocrine system. HER-3 is overexpressed in a variety of tumors including breast, stomach, pancreas, and colon. While no evidence has been found that HER-3 overexpression, constitutive activation, or mutation alone is oncogenic, the protein as a heterodimerization partner, most critically with HER-2, is implicated in growth, proliferation, resistance, and the promotion of invasion and metastasis.
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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/monoclonal/her-3-c-erbB-3-antibody-clone-rbt-her3-immunohistochemistry-elisa/59291>