

ErbB3 Monoclonal Antibody (H3.90.6 (Ab90))

Product Details	
Size	500 µL
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotype	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	H3.90.6 (Ab90)
Conjugate	Unconjugated
Immunogen	Extracellular fragment of recombinant human c-erbB-3/HER-3 oncoprotein
Form	Liquid
Concentration	0.2 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4, with 0.2% BSA
Contains	0.09% sodium azide
Storage conditions	4° C
RRID	AB_10984113

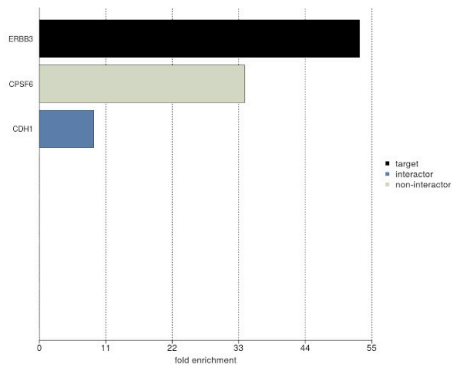
Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (IHC)	-	1 Publication
Immunocytochemistry (ICC/IF)	Assay-dependent	1 Publication
Flow Cytometry (Flow)	Assay-dependent	7 Publications
Immunoprecipitation (IP)	2 µg/mL	1 Publication

Product Specific Information

MA5-12867 targets HER-3 in FACS, IF, and IP applications and shows reactivity with Human samples.

The MA5-12867 immunogen is extracellular fragment of recombinant human c-erbB-3/HER-3 oncoprotein.

Product Images For ErbB3 Monoclonal Antibody (H3.90.6 (Ab90))



ErbB3 Antibody (MA5-12867)

IP-MS enrichment of ERBB3 (LFQ intensity): ERBB3 was enriched 53-fold from MCF7 lysate compared to background proteins, using the optimized IP-MS workflow with Pierce MS-Compatible Magnetic IP Kit protein A/G (Product # 90409) and ERBB3 antibody (Product # MA5-12867). The STRING database (www.string-db.org) was used to identify the protein interactor list. See more information on IP-MS verification of antibody selectivity. {IP-MS}

Western Blot (1)

<p>The Journal of biological chemistry</p> <p>Heregulin regulates cytoskeletal reorganization and cell migration through the p21-activated kinase-1 via phosphatidylinositol-3 kinase.</p> <p>"MA5-12867 was used in western blot to study the molecular mechanisms by which heregulin regulates the reorganization of the actin cytoskeleton and cell migration"</p> <p>Authors: Adam L,Vadlamudi R,Kondapaka SB,Chernoff J,Mendelsohn J,Kumar R</p>	<p>Year 1998</p> <p>Species Human</p>
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Immunohistochemistry (1)

<p>Archives of dermatological research</p> <p>Proliferation-differentiation relationships in the expression of heparin-binding epidermal growth factor-related factors and erbB receptors by normal and psoriatic human keratinocytes.</p> <p>"MA5-12867 was used in immunohistochemistry to investigate the expression of heparin-binding epidermal growth factor-related factors and erbB receptors in normal and psoriatic keratinocytes"</p> <p>Authors: Piepkorn M,Predd H,Underwood R,Cook P</p>	<p>Year 2003</p> <p>Species Human</p> <p>Dilution 1:20</p>
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Immunocytochemistry (1)

<p>Cancer research</p> <p>ErbB-4 ribozymes abolish neuregulin-induced mitogenesis.</p> <p>"MA5-12867 was used in immunocytochemistry to investigate the effect of ErbB-4 ribozymes on neuregulin-induced mitogenesis"</p> <p>Authors: Tang CK,Goldstein DJ,Payne J,Czubayko F,Alimandi M,Wang LM,Pierce JH,Lippman ME</p>	<p>Year 1998</p> <p>Species Mouse</p>
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Flow Cytometry (7)

<p>Cancer biotherapy & radiopharmaceuticals</p> <p>Isolation of scFvs to in vitro produced extracellular domains of EGFR family members.</p> <p>"MA5-12867 was used in flow cytometry to develop and characterize specific antibodies targeting EGFR family"</p> <p>Authors: Horak E,Heitner T,Robinson MK,Simmons HH,Garrison J,Russeva M,Furmanova P,Lou J,Zhou Y,Yuan QA,Weiner LM,Adams GP,Marks JD</p>	<p>Year 2005</p> <p>Species Human</p>
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IP (1)

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