

HER2 / ErbB2 / CD340 Antibody, Mouse MAbs



Sino Biological
Biological Solution Specialist

Catalog Number: 10004-MM03

GENERAL INFORMATION	
Immunogen:	Recombinant Human HER2 / ErbB2 protein (Catalog#10004-H08H)
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human HER2 / ErbB2 (rh HER2 / ErbB2; Catalog#10004-H08H; NP_004439.2; Met1-Thr652). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	03
Specificity:	Human HER2 / ErbB2
	Has cross-reactivity in ELISA with Human HER2 / ErbB2 Protein (ECD,1-652) (Cat# 10004-HCCH) Human HER2 / ErbB2 Protein (ECD,1-652) (His Tag) (Cat# 10004-H08H) No cross-reactivity in ELISA with Human HER2 / ErbB2 Protein (ECD, domain I) (His Tag) (Cat# 10004-H08H1) Human HER2 / ErbB2 Protein (ECD, domain IV) (His Tag) (Cat# 10004-H08H4) Human HER2 / ErbB2 Protein (Cytoplasmic Domain, 676-1255) (His & GST Tag) (Cat# 10004-H20B1)
Formulation:	0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	CD340, ENV, ENVW, ERVWE1, HER-2, HER-2/neu, HER2, HERV-7q, HERV-W-ENV, HERV7Q, HERVW, HERVWENV, MLN19, MLN19, NEU, NGL, TKR1
APPLICATIONS	
Applications:	FCM, ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100

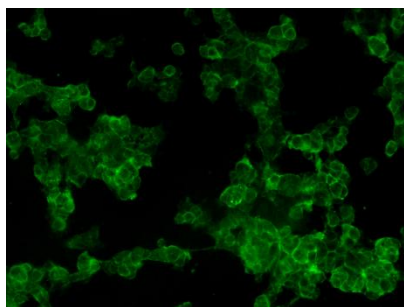
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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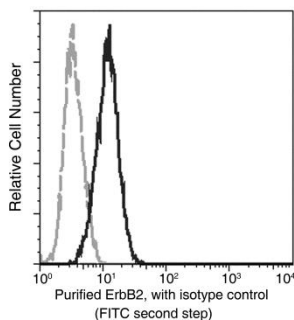


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Immunofluorescence staining of Human ERBB2 in MCF7 cells. Cells were fixed with 4% PFA, blocked with 10% serum, and incubated with mouse anti-Human ERBB2 monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody(green). Positive staining was localized to cell membrane.



Flow cytometric analysis of anti-Human ErbB2 on MCF-7 cells.

Flow cytometry was performed on a BD FACSCalibur flow cytometry system. Please refer to www.sinobiological.com/Flow-Cytometry-FACS-Protocols-a-750.html for technical protocols.