

EphB4 / HTK Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 10235-MM04

GENERAL INFORMATION	
Immunogen:	Recombinant Human EphB4 protein (Catalog#10235-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 EphB4 / HTK extracellular domain (rhEphB4; Catalog#10235-H08H; NP_004435.3; Met 1-Ala 539). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	04
Specificity:	Human EphB4 / HTK
Formulation:	0.2 µm filtered solution in PBS
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:	HTK,MYK1,TYRO11
APPLICATIONS	
Applications:	ELISA,FCM,ICC/IF
RECOMMENDED CONCENTRATION	
ICC/IF	ICC/IF: 1:20-1:100
Flow Cytometry	FCM: 1:25-1:100
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect EphB4.

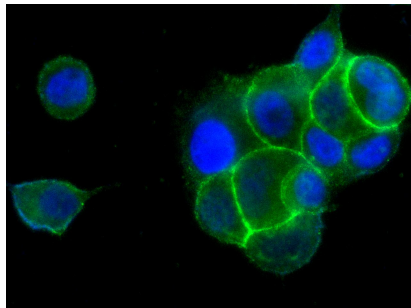
Please Note: Optimal concentrations/dilutions should be determined by the end user.

EphB4 / HTK Antibody, Mouse MAb

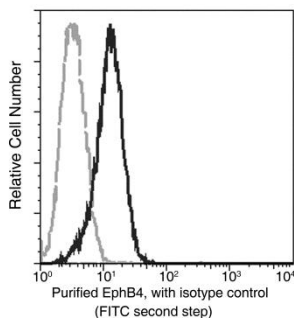


Sino Biological
Biological Solution Specialist

Catalog Number: 10235-MM04



Immunofluorescence staining of EphB4 in MCF7 cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with mouse anti-Human EphB4 monoclonal antibody (1:30) at 4°C overnight. Then cells were stained with the Alexa Fluor® 488-conjugated Goat Anti-mouse IgG secondary antibody (green) and counterstained with DAPI (blue).



Flow cytometric analysis of human EphB4 expression on MCF-7 cells. Cells were stained with purified anti-Human EphB4, then a FITC-conjugated second step antibody. The histogram were derived from events with the forward and side light-scatter characteristics of intact 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.