

Mouse Monoclonal Antibody to

EGFR (cytoplasmic domain)

clone 10F4

Order No.:	0168-100/EGFR-10F4

Size (µg) Lot No.:

100 0168S





www.nanotools.de

orders & support:

email: info@nanotools.de phone: +49-7641-455 670 fax: +49-7641-455 671

lane 1: 160.000 cells, lane 2: 80.000 cells lane 3: 40.000

cells, lane 4: 20.000 cells, lane 5: 10.000 cells, lane 6: 5.000 cells, lane 7: 2.500 cells, lane 8: 1.000 cells

03/260207F

					00	00/20020			
Isotype	Species Reactivity	Applications	Mol. Weight	Ref.Cell Line	Epitope		Immunogen		
lgG1	human, mouse	WB	180 kDa	HepG2	cytoplasmic o (aa 1140 - 11		peptide conjugated to hemocyanin		
Backgrou	nd and Specificity:					Related Pro	oducts		
as TGF alp homo- and signal trans activated a Phosphory Phosphory phosphoryl endocytosi	A receptors are activate ha, beta-cellulin, Hb-E heterodimerization foll sduction pathways (MA fter phosphorylation of lation of Y1045 leads to lation of S1047 by Can ation of T654 (by PKC) s/recycling.	GF, HRG, or NRG owed by autophos PK, PI3K/PKB, an Y845 by src famil o association with hKinase II leads to and T669 (by M/ ognizes the cytopla	Binding of the sphorylation and STAT). In ad y kinases. cbl and subseq attenuation of APK, p38) interfeasmic domain o	se ligands leads to d activation of dowr dition, EGFR becor uent receptor degra kinase activity; eres with receptor	receptor Istream nes fully adation.	#0007-100/EGFR- mab to EGFR #0209-100/EGFR- mab to EGFR #0199-100/EGFR- mab to EGFR #0201-100/EGFR- mab to phosy #0136-100/EGFR- mab to phosy #0138-100/EGFR- mab to phosy #0188-100/EGFR- mab to phosy #0188-100/EGFR-	(extracellular domain) 20E12 (aa 960 - 980) 16F8 (N-terminus) 14C8 bho-EGFR (pY 845) 12A3 bho-EGFR (pY1045) 11C2 bho-EGFR (pY1068) 15A2 bho-EGFR (pY 1086) 888 bho-EGFR (pY 1148) 10G12 bho-EGFR (pY1173)		
Purification: The antibody was purified from serum-free cell culture supernatant by subsequent thiophilic adsorption and size exclusion chromatography.)	mab to dephospho-EGFR (Y1173) #0009-100/EGFR-20G3 mab to phospho-EGFR (pT669) #0191-100/EGFR-5F10			
Formulatio		lyophilized from 1 ml PBS / 0.09 % Na-azide / PEG and Sucrose.					mab to phospho-EGFR (pT654) #0138-100/EGFR-3F2 mab to phospho-EGFR (pS1047) #0107-100/EGFR-1H9		
Reconstitu	ution: Rec	Reconstitute with 1 ml H ₂ O (15 min, RT).							
Stability:	Upo reco Tha	long-term storage n reconstitution, a nstituted antibody w aliquots at 37°C onths.	liquote and free can be stored	n; to 1 year.	For monoclonal antibodies against erbB2, phospho-erbB2, erbB3 and erbB4, as well as against various EGFR downstream targets, please refer to our website at www.nanotools.de				
	Avo	id repeated freez	S.		1	12345678			
Positive C	ontrol: #08	11: Cell lysate from	m untreated Her	bG2		200-			
lmmunobl	Rec bloc	µg/ml for HRPO/E ommended bloc king and blot incu 31-500/CPPT or #	king buffer: Ca	isein/Tween 20 bas .g. nanoTools prode ⊇T.	sed uct	66— 45— 31—			
Immunopr	ecipitation: ND					Antibody sensitiv	ity of vanadate-treated HepG2 containing		
Immunocy ELISA:	rtochemistry ND ND					defined cell number and transferred to	ers per lane were applied to SDS-PAGE PVDF membranes. Immunoblots were GFR-10F4 (0.5 µg/ ml) for 1h at RT and		

All products are supplied for research and investigational use only. Not for use in humans or laboratory animals.