

Anti-Phospho-ESR1-Tyr-537 antibody [M545] (STJA0005416)

STJA0005416

GENERAL INFORMATION

Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Phospho-Estrogen Receptor Alpha-Tyr-537 is suitable for use in Western Blot research applications.
Applications	WB
Host/Source	Mouse
Reactivity	Chicken/Human/Mouse/Rat/Xenopus

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	M545
Concentration	
Conjugation	Unconjugated
Purification	Antigen Affinity Purified
Dilution Range	WB 1:1000
Formulation	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	2099
Gene Symbol	ESR1
Uniprot ID	ESR1_HUMAN
Immunogen	Clone M545 was generated from a phospho-ER Alpha (Tyr-537) synthetic peptide (coupled to carrier protein) corresponding to amino acids surrounding Tyr-537 in human ER Alpha. This sequence is well conserved in rat and mouse ER Alpha, and is also well
Immunogen Region	
Specificity	This antibody detects several forms of ER Alpha ranging from 66 to 35 kDa* on SDS-PAGE immunoblots of MCF-7 cells treated with pervanadate, and this reactivity is removed after alkaline phosphatase treatment.
Immunogen Sequence	