

Product Datasheet

EGFR [p Tyr1173] Antibody (EM-13) - BSA Free NBP1-44893

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP1-44893

EGFR [p Tyr1173] Antibody (EM-13) - BSA Free

| Product Information | |
|---------------------|-----------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1 mg/ml |
| Storage | Store at 4C. Do not freeze. |
| Clonality | Monoclonal |
| Clone | EM-13 |
| Preservative | 0.9% Sodium Azide |
| Isotype | IgG1 |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.4) |

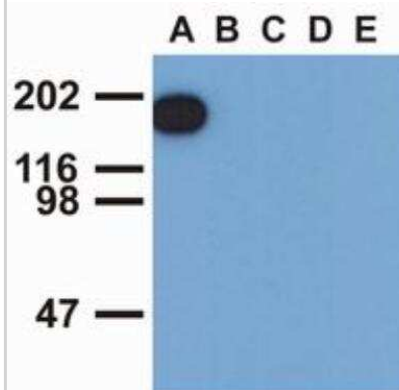
| Product Description | |
|-------------------------|---|
| Host | Mouse |
| Gene ID | 1956 |
| Gene Symbol | EGFR |
| Species | Human |
| Specificity/Sensitivity | The antibody EM-13 reacts with human EGFR (ErbB1 / HER1) phosphorylated on tyrosine 1173. |
| Immunogen | Synthetic phospho-peptide covering sequence around tyrosine 1173 of human EGFR. |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Flow (Intracellular), Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions | Western Blot 1 ug/ml, Flow Cytometry 1-4 ug/ml, Immunoprecipitation 1:50, Flow (Intracellular) 1-4 ug/ml, CyTOF-ready |
| Application Notes | This antibody is Cytof ready. |

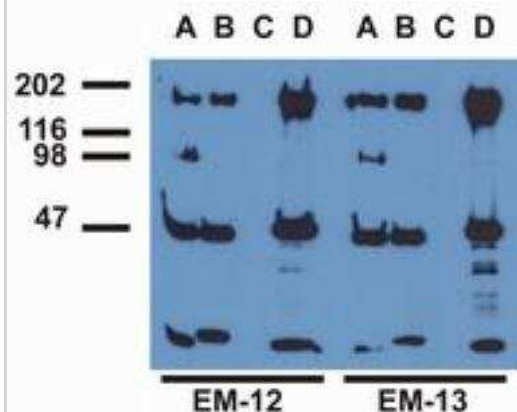


Images

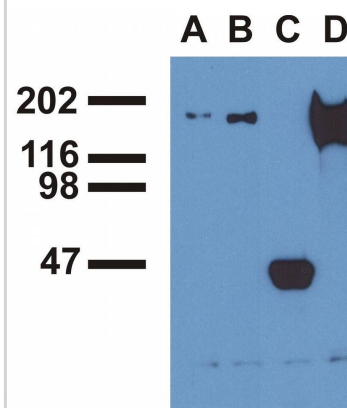
Western Blot: EGF R/ErbB1 [p Tyr1173] Antibody (EM-13) [NBP1-44893] - Analysis of EGFR (phospho-Tyr1173) by mouse monoclonal antibody EM-13 in EGF-treated A431 (A), CALU-3 (B), MCF-7 (C), Jurkat (D) and Ramos (E) cell lines (reduced conditions).



Immunoprecipitation: EGF R/ErbB1 [p Tyr1173] Antibody (EM-13) [NBP1-44893] - EGFR from EGF-treated A431 cells by monoclonal antibodies EM-12 (A), EM-13 (B), a commercial anti-EGFR polyclonal antibody (C) and anti-EGFR monoclonal (D). The precipitates were immunoblotted with EM-12 or EM-13 antibody, and goat anti-mouse-HRP.



Separation of EGF stimulated A431 cell suspension stained using anti-human EGFR (pY1173) (EM-13) purified antibody (concentration in sample 3 ug/ml, GAM PE, red-filled) from EGF stimulated A431 cell suspension unstained by primary antibody (GAM PE, black-dashed) in Analysis (intracellular staining).



Publications

Wirth D, Özdemir E, Hristova K Senescence-associated secretory phenotypes in rat-derived dedifferentiated fat cells with replicative senescence bioRxiv 2023-02-14

Details:
Citation using the version of this antibody.

Yao TW, Zhang J, Prados M et al. Acquired resistance to BRAF inhibition in BRAFV600E mutant gliomas. Oncotarget. 2017-01-03 [PMID: 27611946] (WB, Human)

Details:
This EGFR antibody was used to confirm EGFR knockdown in human cell lines.



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Products Related to NBP1-44893

| | |
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| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-52952PEP | EGFR Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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