

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

Phospho-EphA2 (Tyr588) (D7X2L) Rabbit mAb

RRID:AB_2797989

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 12677, RRID:AB_2797989

Antibody Information

URL: http://antibodyregistry.org/AB_2797989

Proper Citation: Cell Signaling Technology Cat# 12677, RRID:AB_2797989

Target Antigen: EphA2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: Phospho-EphA2 (Tyr588) (D7X2L) Rabbit mAb

Description: This monoclonal targets EphA2

Target Organism: h

Clone ID: Clone D7X2L

Antibody ID: AB_2797989

Vendor: Cell Signaling Technology

Catalog Number: 12677

Record Creation Time: 20250819T225825+0000

Record Last Update: 20250820T035413+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-EphA2 (Tyr588) (D7X2L) Rabbit mAb.

No alerts have been found for Phospho-EphA2 (Tyr588) (D7X2L) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Tang S, et al. (2026) PTEN Loss Promotes PI3K γ Phosphorylation and EPHA2/SRC/p-PI3K γ Y962 Complex Assembly to Drive Tumorigenesis. *Cancer discovery*, 16(3), 521.

Gomez-Soler M, et al. (2022) Ligands with different dimeric configurations potently activate the EphA2 receptor and reveal its potential for biased signaling. *iScience*, 25(3), 103870.

Chen Z, et al. (2021) Probing the effect of clustering on EphA2 receptor signaling efficiency by subcellular control of ligand-receptor mobility. *eLife*, 10.

Wang H, et al. (2021) Targeting EphA2 suppresses hepatocellular carcinoma initiation and progression by dual inhibition of JAK1/STAT3 and AKT signaling. *Cell reports*, 34(8), 108765.

Moyano-Galceran L, et al. (2020) Adaptive RSK-EphA2-GPRC5A signaling switch triggers chemotherapy resistance in ovarian cancer. *EMBO molecular medicine*, 12(4), e11177.

Fattet L, et al. (2020) Matrix Rigidity Controls Epithelial-Mesenchymal Plasticity and Tumor Metastasis via a Mechanoresponsive EPHA2/LYN Complex. *Developmental cell*, 54(3), 302.