

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.