# CDK5 (2E8) MOUSE MAB

**Cat.#:** N261047

**Product Name:** Anti-CDK5 (2E8) Mouse Monoclonal Antibody

**Synonyms:** Cdk 5; Cdk5; CDK5_HUMAN; Cell division protein kinase 5; Crk6; Cyclin dependent kinase 5; Cyclin-dependent kinase 5; Protein kinase CDK5 splicing; PSSALRE; Serine threonine protein kinase PSSALRE; Serine/threonine-protein kinase PSSALRE; Tau protein kinase II catalytic subunit; TPKII catalytic subunit.

**UNIPROT ID:** Q00535

**Background:** Activated by cyclins but by p35 (CDK5R1) and p39. An important regulator of neuronal positioning during brain development. May also play a role in synaptogenesis and neurotransmission. Substrates include TAU, MAP2, NF-H and -M, Nudel, PDE6, beta-catenin, amphyphysin, dynamin I, synapsin 1, Munc-18, and NMDA receptor 2A. Plays a role in myogenesis, haematopoietic cell differentiation, spermatogenesis, insulin secretion, and lens differentiation.

**Immunogen:** Purified recombinant human CDK5(N-terminus) protein fragments expressed in E.coli.

**Applications:** WB,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IF: 1/50-1/200

**Host Species:** Mouse

**Clonality:** Mouse Monoclonal

**Clone ID:** 2E8-F9-B7-C11

**MW:** Calculated MW: 33 kDa; Observed MW: 36 kDa

**Isotype:** IgG1

**Purification:** Affinity Purified

**Species Reactivity:** Human,Mouse,Rat,Monkey

**Conjugation:** Unconjugated

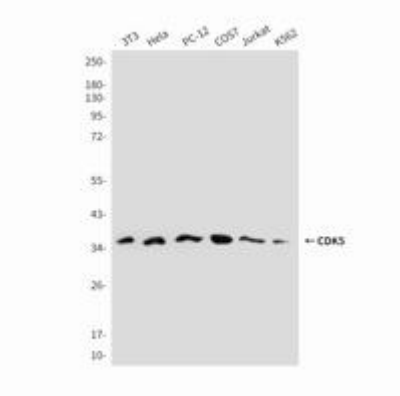
**Modification:** Unmodified

**Constituents:** PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** NeuroscienceyyyyyAlzheimer's disease

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

Immunocytochemistry analysis of CDK5 in HeLa cells using CDK5 antibody.




Western blot analysis of CDK5(Nterminus) in 3T3, Hela, PC-12, COS7, Jurkat and K562 lysates using Cdk5 antibody.