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## FOR THE MEDIA

distinct neuronal phenotype. These cells display high levels of tyrosine hydroxylase activity and dopamine- $\beta$ -hydroxylase activity.

## Source

This cell line is a subclone of the SK-N-BE(2) neuroblastoma cell line. The parental cell line was established in 1972 from a metastatic site (bone marrow) in a two-year-old Caucasian male with malignant neuroblastoma.

## Inventors

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- Barbara A. Spengler, formerly at Sloan Kettering Institute, Memorial Sloan Kettering

## Key References

- Ciccarone V et al. (1989) Phenotypic diversification in human neuroblastoma cells: expression of distinct neural crest lineages. *Cancer Research* 49: 219-225 (PubMed ID: [2535691](#) )
- Qiao J et al. (2012) PI3K/AKT and ERK regulate retinoic acid-induced neuroblastoma cellular differentiation. *Biochemical and Biophysical Research Communications* 424: 421-426 (PubMed ID: [22766505](#) )

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## Stage of Development

Ready to use

## Indications

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