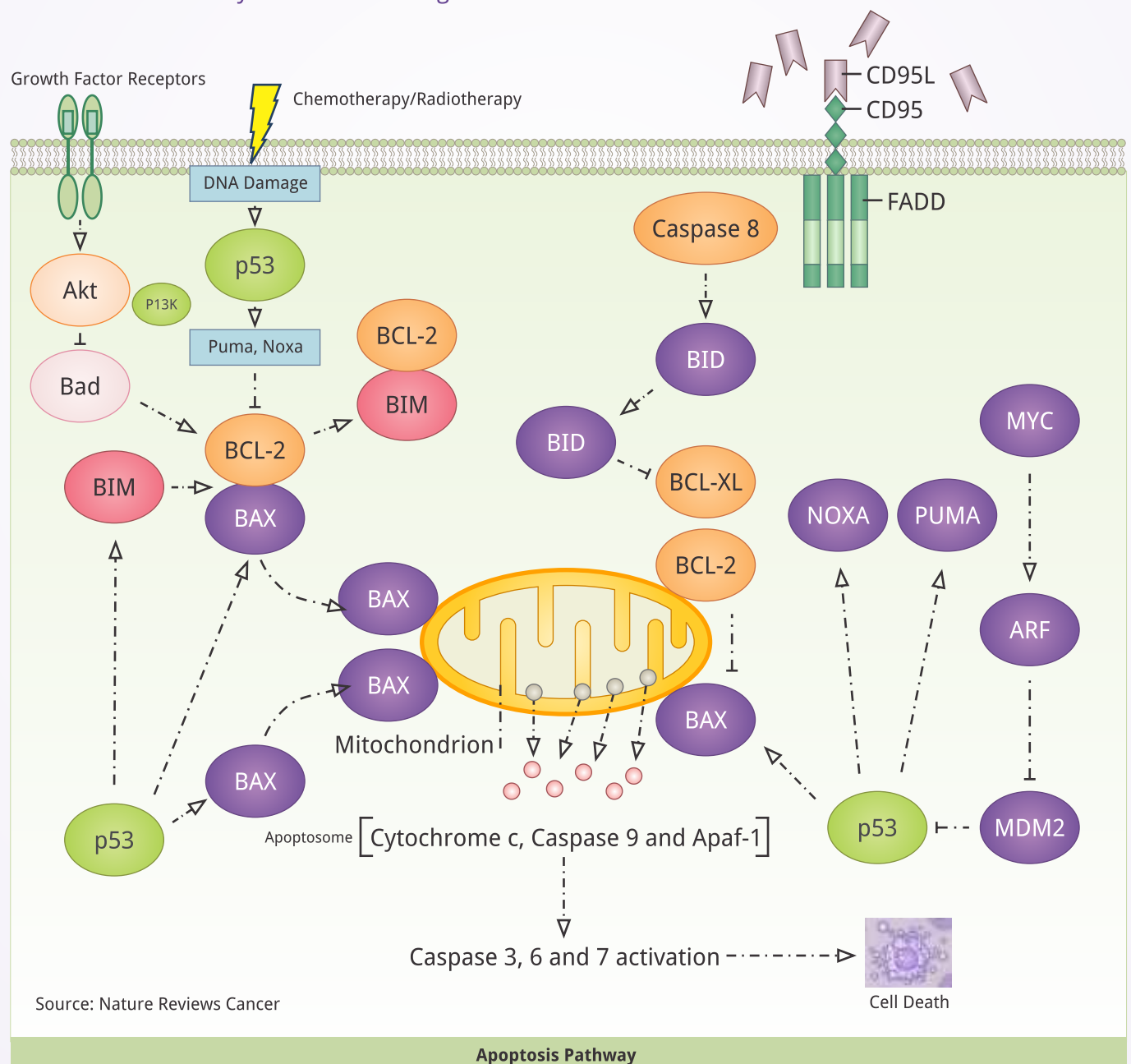


Cancer Pathways - Apoptosis Signaling

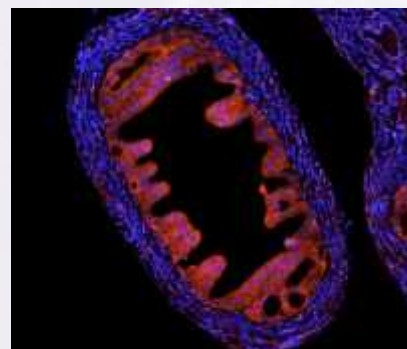
Apoptosis is the term given to the process of programmed cell death that occurs in multicellular organisms. Biochemical events lead to characteristic morphological cell changes and death. These changes include cell blebbing, cell shrinkage, nuclear fragmentation, chromatin condensation, and chromosomal DNA fragmentation. It is usually advantageous for a cell to go through apoptosis to assist its progression through a normal life cycle. Apoptosis produces apoptotic bodies which are small cell fragments that phagocytes can engulf and quickly remove before the cell's escaping contents cause toxicity in the surrounding cellular environment.



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Biorbyt offers a rich resource of research antibodies which cover most of the cancer signaling pathways. We only include antibodies in our catalog which have been validated first, many in a variety of different applications. Validation data, customer reviews and recent citations for our antibodies can be viewed before you decide to purchase. As well as antibodies, we can supply you with antibody related products such as immunogen peptides and assay kits, all of which are covered by our quality guarantee.



Apoptosis Research Antibodies

Name	Reacts with	Applications	Catalog Number
PCSK9	Human	WB, IHC-P, FACS	orb37797
DRAK2	Human, Mouse, Rat, Rabbit, Chicken, Dog, Horse, Pig, Sheep	WB, IHC-P, P-ELISA	orb183257
DR3	Human, Mouse, Rat	WB, IHC-P, P-ELISA	orb10552
Caspase 9	Human, Mouse, Rat, Cow, Dog	WB, IHC-P, P-ELISA	orb10242
AIFM1	Human, Mouse, Rat	WB, IHC-P	orb154596
SFRP1	Human	WB, IHC-P, FACS	orb39727
ASK1/MAPKKK5	Human, Mouse, Rat	WB, IHC-P, P-ELISA	orb11024
Bax (phospho-Ser184)	Human, Mouse, Rat, Cow, Dog, Pig, Sheep	WB, IHC-P, P-ELISA	orb4658
BIRC5	Human, Mouse, Rat, Cow, Dog, Pig	WB, IHC-P, P-ELISA	orb10191
TIGAR	Human	WB, IHC-P, P-ELISA	orb11482

Apoptosis Signaling References

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- Ashkenazi, A. Directing cancer cells to self-destruct with pro-apoptotic receptor agonists. *Nature Reviews Drug Discovery* 7, 1001-1012(December 2008). doi:10.1038/nrd2637.

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