

ApoScore™

Cell Death Screening

COMPOUND TO BE TESTED



> 20 Cell types available¹:

- From human, mouse, rat or hamster
- Normal & tumor cell lines
- Mouse & rat primary cells

**Cell viability determination
(IC50)**

Flow cytometry

Cytotoxicity

Cell cycle status

Cell death

Apoptosis validation:

- Detection of phosphatidylserine (Annexin V staining)
- Detection of DNA fragmentation (single-stranded DNA detection system)

Apoptosis²

**Non-apoptotic
cell death**

¹ Check the list of Cell Types currently available at Apotech - see next page.

² For more extensive studies on apoptosis induction see ApoSignaling™, our Apoptosis Signaling Validation service.

Cell Types

Non-exhaustive list of cell lines currently available at Apotech:

<u>Cell line</u>	<u>Origin</u>	<u>Organism</u>
293/293T	Kidney	Human
II-23D7	CD4+ T lymphocyte hybridoma	Human
Bjab	Lymphoid Cells	Human
HELA	Cervical Adenocarcinoma	Human
HT-29	Colorectal adenocarcinoma	Human
Jurkat	Acute T cell leukemia	Human
Kym-1	Rhabdomyosarcoma	Human
MCF-7	Breast adenocarcinoma	Human
SK-Mel-28	Malignant melanoma	Human
Raji	Burkitt's lymphoma	Human
U-937	Histiocytic lymphoma	Human
NIH/3T3	Embryo	Mouse
A20	Reticulum cell sarcoma	Mouse
CT6	Cytotoxic T cell line	Mouse
WEHI 7.1	Lymphoma	Mouse
RBL	Basophilic Leukemia	Rat
TART	T cell line	Rat
CHO-K1	Ovary	Hamster

We also offer apoptosis screens on mouse/rat *primary cells* (peritoneal macrophages, splenocytes, purified B cells, total lymph nodes).