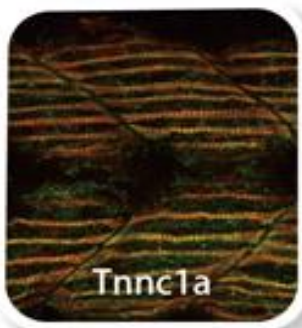


As the leading manufacturer of zebrafish antibodies, GeneTex offers an extensive portfolio of reagents validated for use in this model system. GeneTex currently offers a continuously expanding catalog of reagents designed expressly for zebrafish research, with more than 600 newly developed zebrafish antibodies and 1400 hatchling products. These antibodies have been tested on zebrafish samples in a variety of applications including, but not limited to, immunofluorescence microscopy, immunohistochemistry microscopy, and western blot. A full listing of our available zebrafish antibodies can be obtained below.



Cell  
Biology



Neuroscience



Cancer



Signal  
Transduction



Epigenetics



Stem Cell  
Development



Metabolism



Markers and  
Controls

The zebrafish (*Danio rerio*) model system offers many advantages for studying both developmental biology and human diseases. Because they are transparent for at least seven days post fertilization (dpf), zebrafish embryos allow clear microscopic visualization of developmental or neoplastic processes. This feature has been extended with the generation of a strain yielding transparent adults. In addition, zebrafish have both innate and adaptive immune systems that are similar to those found in mammals, not to mention a fully mapped genome that is homologous to the human genome. Thus, the zebrafish constitutes an inexpensive, physiologically relevant model system that can be easily manipulated to mimic human cancer growth through the induction of tumors by carcinogen treatments, transplantation of mammalian cancer cells, targeted mutagenesis of tumor suppressor genes, or by generation of transgenic zebrafish expressing human oncogenes.