

Product Information	
Catalog No.	EL10129
Product name	Tarextumab ELISA Kit
Applications	ELISA
Detection method	Colorimetric
Sample type	Plasma, Serum
Assay type	Quantitative
Sensitivity	0.156 ug/ml
Range	0.31-5 ug/mL
Recovery	80-120%
Stability and Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition.
Alternative Names	OMP-59R5, 1359940-55-8
Shipping	2-8 deg C
Note	For Research Use Only.

Background

Tarextumab, is a fully human mAb that inhibits ligand-dependent signaling through both Notch2 and Notch3. Tarextumab was tested in a range of xenograft models and found to be active in breast, ovarian, lung, and pancreatic tumors. Administration of tarextumab delayed tumor recurrence after chemotherapeutic treatment and reduced tumor-initiating cell frequency, particularly in combination with chemotherapy. Mechanism of action studies indicated that tarextumab blocked Notch signaling in both tumor and stromal cells and induced differentiation of tumor cells. In the stromal cells, tarextumab inhibited gene expression required for the function of pericytes, vascular support cells essential for tumor angiogenesis.