



Rabbit Anti-Human CD47 monoclonal antibody, clone TQ380 (CABT-L1721)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody may react with (Predicted by homology) : Rat, Rat,
Target	CD47
Immunogen	Synthetic peptide derived from the internal region of human CD47 protein.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TQ380
Purification	Protein A/G purified
Conjugate	Unconjugated
Applications	IHC-P, FC
Molecular Weight	35 kDa
Cellular Localization	Membrane
Positive Control	Ovarian Cancer, Tonsil
Format	Liquid
Buffer	PBS, 1% BSA, pH 7.6
Preservative	< 0.1% Sodium Azide

Storage	2-8°C. Do not freeze. The user must validate any other storage conditions. When properly stored, the reagent is stable to the date indicated on the label. Do not use the reagent beyond the expiration date.
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BACKGROUND

Introduction	Leukocyte surface antigen CD47 is an integrin-associated membrane protein expressed in macrophage and some cancer tissues. It is a ligand for the transmembrane signal regulatory protein alpha 1 (SIRP alpha) and a receptor for thrombospondin-1 (TSP-1) . The interaction of CD47 with other molecules can regulate various biological processes such as adhesion, apoptosis, and proliferation.
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Keywords	CD47;CD47 molecule;IAP;OA3;MER6;leukocyte surface antigen CD47;CD47 glycoprotein;Rh-related antigen;integrin associated protein;integrin-associated protein;integrin-associated signal transducer;antigenic surface determinant protein OA3;antigen identified by monoclonal antibody 1D8;CD47 antigen (Rh-related antigen, integrin-associated signal transducer)
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GENE INFORMATION

Entrez Gene ID	55132
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UniProt ID	Q08722
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