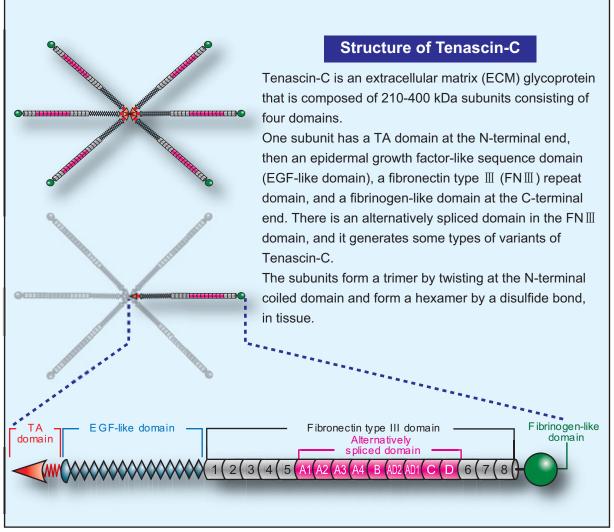


For-Non Clinical Research Use Only

# Tenascin-C



Tenascin-C Antibodies							
Code No.	Name			Volume	WB	IHC	
10337	Anti-Human	Tenascin-C (EGF Like Domain) (4F10TT)	Mouse IgG MoAb	100ug	O 1ug/mL	○ (※F/P, T) 5ug/mL	
10335	Anti-Human	Tenascin-C (Domain B) (4C8MS)	Mouse IgG MoAb	100ug	O 5ug/mL	○ (※MW) 5ug/mL	

\* F/P, T: Can be Applied to Formalin Fixed Paraffin Embedded Tissue with Trypsin Pre-Treatment \*\*MW:MW Pre-treatment is necessary.

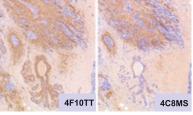
# **CHARACTERISTICS OF ANTIBODIES**

### Anti-Human Tenascin-C (EGF Like Domain) (4F10TT) Mouse IgG MoAb

This monoclonal antibody can specifically recognize EGF-like domain of TN-C, therefore the antibody can detect in all TN-C isoforms and cross-react with mouse, rat, chicken and rabbit.

# Anti-Human Tenascin-C (Domain B) (4C8MS) Mouse IgG MoAb

This monoclonal antibody can specifically recognize domain B on FNIII repeat of TN-C and is useful for the study of organogenesis, tumor, cell injury caused by various types of stress, wound healing, regeneration and fibrosis. It cross-reacts with mouse and rat.



Human breast cancer (From Reference No.6)







# Tenascin-C ELISA Kit

We have two types of Tenascin-C assay kit as follows. Each ELISA kit can specifically detect FNⅢ-B or FNⅢ-C domain in FN III repeat and can measure Tenascin-C high molecular weight variant (called as "Large") including the subunit in which FN III -B or FN III -C domain respectively.

While low molecular weight variants of Tenascin-C are present in normal tissue, it is said that high molecular variants of Tenascen-C is expressed in various diseased tissue including cancer.

Both ELISA kits doesn't measure total of every variants of Tenascin-C molecles.

Human Tenascin-C Large (FNⅢ-C) Assay Kit - IBL							
Code No.	Name		Incubation Time	Measurement Range	Test Sample	Volume	
	Human Tenascin-C Large (FNIII-C) Assay Kit - IBL		1st Incubation 37°C, 1hr 2nd Incubation 4°C, 30min		100 μL	96 Well	
27751	Target Molecule	Coating Antibody	Labeled Antibody		Specimen		
	Human Tenascin-C high molecular weight variant including FNⅢ-C domain	Anti-Human TN-C (19C4MS) Mouse MoAb. Specific to human FNⅢ-C domain	Anti-Tenascin-C (4F10TT) Mouse MoAb. Reacts with EGF-like domain.	Human Serum, Heparin-Plasma (more than x5 dilution recommended) and Cell culture supernatan (Plasma samples collected with EDTA, Sodium Citrate or NaF showed somewhat lower value.)			

■ Tenascin-C Large (FNⅢ-B) Assay Kit - IBL									
Code No.	Name		Incubation Time	Measurement Range	Test Sample	Volume			
	Tenascin-C Large (FNⅢ-B) Assay Kit - IBL		1st Incubation 37°C, 1hr 2nd Incubation 4°C, 30min		100 μL	96 Well			
27767	Target Molecule	Coating Antibody	Labeled Antibody	Specimen  Human, Mouse, Rat Serum, EDTA-Plasma (x400 - x1,600 dilution recommended) and Cell culture supernatant (cross-reacts with FCS in medium).					
	Human, Mouse, Rat Tenascin-C high molecular weight variant including FN III-B domain	Anti-TN-C (4C8MS) Mouse MoAb. Specific to FNIII-B domain. Specific to FNIII-B domain	Anti-Tenascin-C (4F10TT) Mouse MoAb. Reacts with EGF-like domain.						

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