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Thyroid Transcription Factor 1 (TTF-1) (D2E8) Rabbit mAb



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For Research Use Only. Not for Use in Diagnostic Procedures.

Applications: WB, IF-F, IF-IC	Reactivity: H M R	Sensitivity: Endogenous	<b>MW (kDa):</b> 39, 42	Source/Isotype: Rabbit	<b>UniProt ID:</b> #P43699	Entrez-Gene Id: 7080
Product Usage	Apr	olication				Dilution
Information	Wes	stern Blotting				1:1000
	Imm	nunofluorescence (F	Frozen)			1:50
	Imm	nunofluorescence (I	mmunocytochen	nistry)		1:50
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 $\mu$ g/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at –20°C. Do not aliquot the antibody.				
	For a	a carrier free (BSA a	and azide free) v	ersion of this product se	e product #19428.	
Specificity / Sensit		Thyroid Transcription Factor 1 (TTF-1) (D2E8) Rabbit mAb recognizes endogenous levels of total thyroid transcription factor 1 protein.			evels of total thyroid	
Species predicted react based on 100 sequence homolog	)%	key				
Source / Purificatio		Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues near the amino terminus of human thyroid transcription factor 1 protein.				
Background	trans have thyrc tissu surfa expro	scription factor famil shown that TTF-1 id, lung, and ventra e specific, such as: actant proteins and o	y, was initially dis plays an importa I forebrain (2). T thyroglobulin, th clara cell secreto tumors of the thy	so known as NKX2-1), s scovered in the FRTL-5 nt role in differentiation TF-1 controls the expre- yroperoxidase, and the ry protein in the lung (2 rroid and lung, and it is o ).	rat thyroid cell line (1 and morphogenesis c ssion of several gene thyrotropin receptor ir (3). Investigators have	). Subsequent studies of the developing s, some of which are n the thyroid; and e found that TTF-1 is
Background Refere	2. Bc 3. Ya 4. Wi 5. Yo	vitareale, D. et al. (1 oggaram, V. (2009) Imaguchi, T. et al. (2 hithaus, K. et al. (20 shida, A. et al. (201 oldvay, J. et al. (200	Clin Sci (Lond) 1 2012) Cancer Ce 012) Arch Pathol 1) Lung Cancer	16, 27-35. // 21, 348-61. <i>Lab Med</i> 136, 155-62. 72, 309-15.		
Species Reactivity	Speci	es reactivity is dete	rmined by testing	g in at least one approve	ed application (e.g., w	restern blot).
Western Blot Buffe		RTANT: For wester Tween® 20 at 4°C		membrane with diluted ng, overnight.	primary antibody in 5	% w/v BSA, 1X TBS,
Applications Key		Western Blotting <b>IF</b> : Immunofluorescer		· · · · ·		
Cross-Reactivity K	X: Xe		B: bovine Dg: de	Mk: monkey Vir: virus I og Pg: pig Sc: S. cerevi es expected		

.M Thyroid Transcription Factor 1 (TTF-1) (D2E8) Rabbit mAb (#12373) Datasheet Without Images Cell Signali...

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