

CD248 Antibody



Orders: 877-616-CELL (2355) orders@cellsignal.com

Support: 877-678-TECH (8324)

Web: info@cellsignal.com

cellsignal.com

3 Trask Lane | Danvers | Massachusetts | 01923 | USA

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

W	Reactivity:	Sensitivity: Endogenous	MW (kDa): 190	Source/Isotype: Rabbit	UniProt ID: #Q9HCU0	Entrez-Gene Id: 57124
Product Usage Information	•	Application Western Blotting			Dilution 1:1000	
Storage		Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 μg/ml BSA and 50% glycerol. Store at – 20°C. Do not aliquot the antibody.				
Specificity/Sensitivity		CD248 Antibody recognizes endogenous levels of total CD248 protein.				
Source / Purification		Polyclonal antibodies are produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Pro403 of human CD248 protein. Antibodies are purified by protein A and peptide affinity chromatography.				
Background		mesenchymal cells in is highly expressed in stromal cell proliferat cancer, brain tumors i sprouting angiogenes response to hypoxic c	cluding fibroblasts a lymphoid tissues d ion and migration a (4-6), and other mal sis and vasculogene	M1, is a stromal cell mar and pericytes. Not norm uring development, and ire evident (1-3). CD248 i ignancies including sarc isis (7). It is thought that nor environment throug	ally detectable in made in disease states was is known to be uprestoma (12), and it had the CD248 gene is	nost adult tissues, it where increased egulated in breast s been implicated in upregulated in
		marks the Hepatic Ste fibrosis, CD248 marks myofibroblasts, and s	ellate Cells, the activ s the key effector ce stromal fibroblasts (f disease (12). CD24	activated fibroblasts. In rated cells responsible fo lls within the fibrotic str 11), and in Idiopathic Pu 8 has become a target o (13).	or matrix productio oma including perio Ilmonary Fibrosis, C	kample, CD248 n (9,10). In kidney cytes, CD248 may be a

Species Reactivity Species reactivity is determined by testing in at least one approved application (e.g., western blot).

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X

TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key W: Western Blotting

Cross-Reactivity Key H: Human

Western Blot Buffer

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