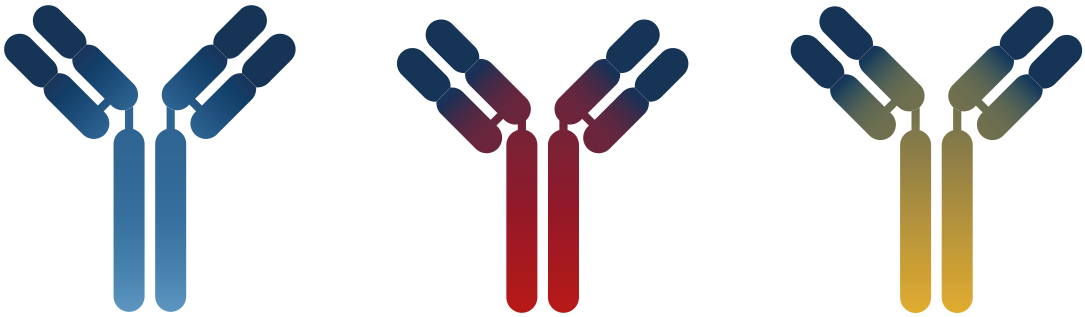
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Cell Signaling TECHNOLOGY™

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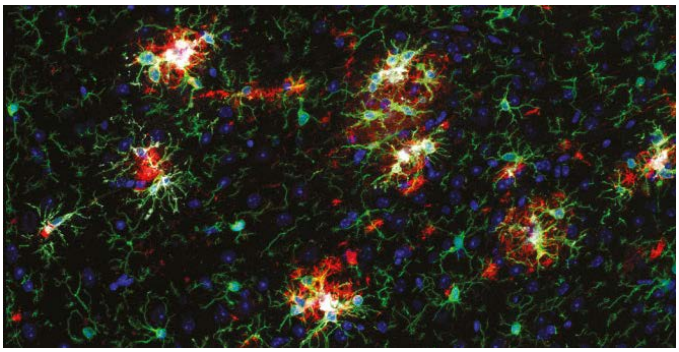


Feline Horse Mouse

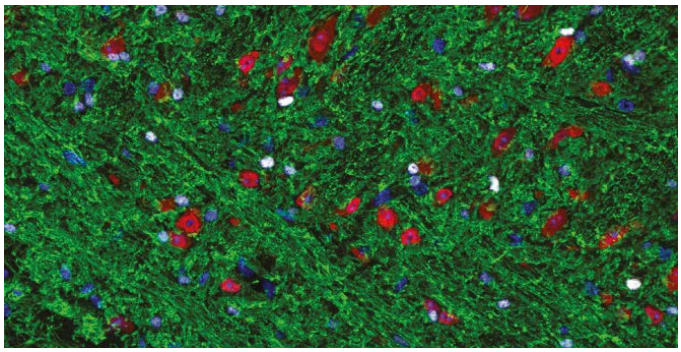
Plex with confidence. Find the trusted CST® antibodies you need.

With our expanding portfolio of chimeric monoclonal antibodies, featuring mouse, horse, and feline host species, you can find the right high-quality, target-specific antibodies to suit your next IF multiplex experiment. No need for new equipment or a new method. Use the same trusted antibody clones that you know work—now in the host species you need.

- **More host species options. Same trusted antibody clones.**
- **Seamless integration into your multiplexing workflow.**
- **Available in affordable 20 µL trial sizes.**
- **Backed by our antibody performance guarantee and exceptional scientific support.**



Confocal IF analysis of fixed frozen brain from an amyloid mouse model of Alzheimer's disease using Dectin-1/ Clec7a (E3P5W) Horse Chimeric mAb (gray), Iba1 (E4O4W) Mouse Chimeric mAb (green), β-Amyloid (D54D2) Rabbit mAb (red), and ProLong Gold Antifade Reagent with DAPI #8961 (blue).



Confocal IF analysis of fixed frozen mouse brain stem using Olig2 (E6G6Q) Mouse Chimeric mAb (gray), Myelin Basic Protein (D8X4Q) Feline Chimeric mAb (green), NeuN (D4G4O) Rabbit mAb (red), and ProLong Gold Antifade Reagent with DAPI #8961 (blue).

Recombinant chimeric antibodies are engineered from monoclonal antibodies according to animal-free protocols.

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Chimeric Antibodies for Neuronal and Glial Cell Markers

Step 1. Choose the right primary antibody for your experiments.

Cell Type		Target (Clone Name)	Host Species Product Numbers				Reactive Species
			Feline Chimera	Horse Chimera	Mouse Chimera	Rabbit	
MICROGLIA 	GENERAL	ASC/TMS1 (D2W8U)	96134	19156	40002	67824	M
		CD11b/ITGAM (E6E1M)	66973	78923	90153	17800	M
		CD45 (D3F8Q)	78406	91784	28757	70257	M
		CD68 (E3O7V)	83676	98421	41077	97778	M R Hm
		HEXB (E9X5S)	49727	68894	87218	33663	M R
		Iba1/AIF-1 (E4O4W)	87276	23757	58410	17198	H M R Hm Mk
		TMEM119 (E3E1O)	76103	88925	26113	90840	M
	HOMEOSTATIC	P2Y12 (E9J1J)	48232	63539	81911	69766	M
	DISEASE-ASSOCIATED	Dectin-1/Clec7a (E3P5W)	23695	43191	71183	30260	M
		GPNMB (E7U1Z)	77093	28318	49553	90205	M
		P2Y12 (E9J1J)	48232	63539	81911	69766	M
		TMEM119 (E3E1O)	76103	88925	26113	90840	M
OLIGODENDROCYTES 		CNPase (D83E10)	36166	41403	45964	5664	H M R
		Myelin Basic Protein (D8X4Q)	75286	27429	38521	78896	H M R
		Olig2 (E6G6Q)	90646	57100	68301	65915	H M R
ASTROCYTES 		ALDH1L1 (E7I2Q)	95730	30803	49973	85828	H M R
		GFAP (E4L7M)	72076	53432	72673	80788	H M R Mk
		S100B (E7C3A)	51176	93293	10286	90393	H M R
NEURONS	DOPAMINERGIC	Tyrosine Hydroxylase (E2L6M)	69079	90818	29085	58844	H M R
	MATURE	β3-Tubulin (D71G9)	92081	59820	70668	5568	H M R
		MAP2 (D5G1)	20616	36301	48780	8707	M R
		NeuN (D4G4O)	41048	61433	80974	24307	H M R Mk
		Neurofilament-L (C28E10)	88308	31220	57446	2837	H M R
	IMMATURE	Doublecortin (F6K9E)	99059	30298	41762	56130	H M R
	INTERNEURONS	Calbindin (D1I4Q)	67998	15542	33053	13176	H M R
		Parvalbumin (E8N2U)	53140	64370	75914	80561	H M R
MARKERS	SYNAPTIC	PSD95 (D27E11)	90708	19622	31225	3450	H M R
		Synaptophysin (D8F6H)	76788	94064	99929	36406	H M R
	FUNCTIONAL	CREB (48H2)	47692	65363	76883	9197	H M R Mk Dm
		Phospho-CREB (Ser133) (87G3)	91686	54388	87358	9198	H M R
		c-Fos (E2I7R)	42157	60521	70160	31254	H M R
	PROLIFERATING CELL	Ki-67 (D3B5)	43021	59700	71098	9129	H M R

Step 2. Choose a compatible secondary antibody.

REACTIVITY	EXCITATION (nm)			
	488	555	594	647
Feline Chimera	Goat Anti-Feline IgG, Fc Fragment Antibody (FITC Conjugate) #39075	--	Goat Anti-Feline IgG, Fc Fragment Antibody (Texas Red Conjugate) #99224	Goat Anti-Feline IgG (H+L) Antibody (Alexa Fluor® 647 Conjugate) #76333
Horse Chimera	--	Goat Anti-Horse IgG, Fc Fragment Antibody (TRITC Conjugate) #70496	Goat Anti-Horse IgG, Fc Fragment Antibody (Texas Red Conjugate) #55182	--
Mouse Chimera	Goat Anti-Mouse IgG2a Antibody (Alexa Fluor® 488 Conjugate) #94207	Goat Anti-Mouse IgG2a Antibody (Alexa Fluor® 555 Conjugate) #51761	Goat Anti-Mouse IgG2a, Fc gamma Specific Antibody (Alexa Fluor® 594 Conjugate) #90440	Goat Anti-Mouse IgG2a Antibody (Alexa Fluor® 647 Conjugate) #30135
Rabbit Fc	Goat Anti-Rabbit IgG, Fc Fragment Antibody (FITC Conjugate) #86426	Goat Anti-Rabbit IgG, Fc Fragment Antibody (Alexa Fluor® 555 Conjugate) #25363	Goat Anti-Rabbit IgG, Fc Fragment Antibody (Alexa Fluor® 594 Conjugate) #70872	Goat Anti-Rabbit IgG, Fc Fragment Antibody (Alexa Fluor® 647 Conjugate) #46023

Step 3. Use CST® antibodies in your existing multiplex IF workflow. Detailed protocols are available on every CST product page.

Recombinant chimeric antibodies are engineered from monoclonal antibodies according to animal-free protocols.

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For more information please contact :



Deborah FEINTUCH
Life Sciences Specialist CHR
dfeintuch@milian.com
+41 79 526 13 29

milian® DUTSCHER GROUP

Chemin du Champ-des-Filles n°4A
Campus Spark
CH-1228 PLAN-LES-OUATES
Tel. +41 (0) 22 884 16 00
www.milian.com

Swiss-German Office
Oberebenestrasse 61
CH-5620 Bremgarten (AG)
Tel. : +41 (0)56 610 49 27