

OZYME

Des femmes et des hommes
au service de vos recherches

SignalStar™ Multiplex IHC

Pour la Biologie Spatiale

Pourquoi SignalStar™ Multiplex IHC

est une révolution dans le domaine de la biologie spatiale ?

Cette innovation permet désormais (en **manuel** ou sur votre automate **Leica Bond**) de visualiser **3 à 8 marqueurs simultanément** sur une même coupe de tissus **FFPE**.



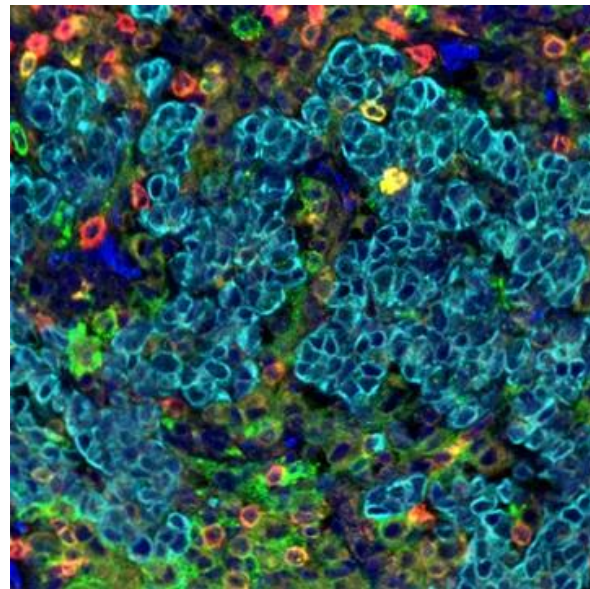
Gain de temps | Des résultats jusqu'à 70 % plus rapides : amplifiez de 3 à 8 cibles en seulement 24 - 48 heures.



Flexibilité | Construisez votre propre panel à partir des nombreux anticorps validés et du **panel builder**.



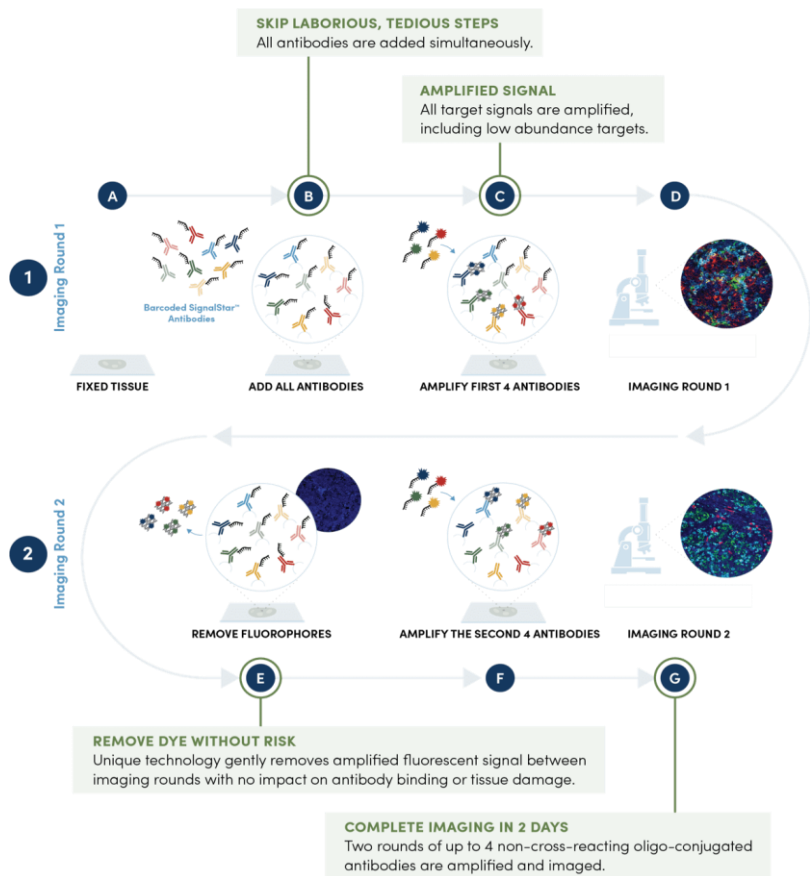
Reproductibilité | Processus de validation rigoureux garantissant des résultats cohérents et fiables (CST lauréat des anticorps les plus cités dans la littérature).



VOIR LA BROCHURE

SignalStar™ Multiplex IHC

Comment fonctionne SignalStar™ Multiplex IHC ?



1. Add the CST Oligo “tagged” primary antibodies to fixed FFPE tissue
2. All antibodies added at once followed by mild fixation
3. Complementary oligos hybridize to conjugated tags for first 4 antibodies
4. Signal is produced and amplified with fluorescent oligos (AF488, AF594, AF647, AF750)
5. Oligos are ligated together for stability
6. Oligo-specific enzymes removes all fluorescent signal.
7. Complementary oligos hybridize to conjugated tags for second round
8. Signal is produced and amplified with fluorescent oligos (AF488, AF594, AF647, AF750)

SignalStar™ Multiplex IHC - murins

Anticorps	Clone	Anticorps	Clone
Arginase-1	D4E3M	IL-2Rα/CD25	E9W2J
CD11b/ITGAM	E4K8C	Iba1/AIF-1	E4O4W
CD19 (Intracellular Domain)	D4V4B	KI-67	D3B5
CD20	E3N7O	LYVE-1	E5P8S
CD206/MRC1	E6T5J	Ly-6G	E6Z1T
CD28	D2Z4E	MCAM	E3F3E
CD31 (PECAM-1)	D8V9E	Myelin Basic Protein	D8X4Q
CD36	E8B7S	N-Cadherin	D4R1H
CD38	E9F5A	NT5E/CD73	D7F9A
CD39/NTPDase 1	E2X6B	NeuN	D4G4O
CD3ε	E4T1B	Neurofilament-L	C28E10
CD44	E7K2Y	Neutrophil Elastase	E8U3X
CD45	D3F8Q	OX40	E9U7O
CD47	E2V9V	Olig2	E6G6Q
CD62L/L-Selectin	E7L2M	PCNA	D3H8P
CD68	E3O7V	PD-L2	D6L5A
CD86	E5W6H	PDGF Receptor α	D1E1E
CD8α	D4W2Z	Pan-Keratin (Type I)	E6S1S
COL1A1	E8F4L	Phospho-CREB (Ser133)	87G3
CTLA-4	E2V1Z	Phospho-Histone H2A.X (Ser139)	D7T2V
Citrullinated Histone H3 (Arg17)	E4O3F	Phospho-SLP-76 (Ser376)	E3G9U
Cleaved Caspase-3 (Asp175)	D3E9	Phospho-Stat3 (Tyr705)	D3A7
Cleaved PARP (Asp214)	D6X6X	Prostate Specific Membrane Antigen	D7I8E
E-Cadherin	(24E10)	S100B	E7C3A
EGF Receptor	D38B1	SIRPα/SHPS1	D6I3M
EpCAM	D9S3P	T-bet/TBX21	E4I2K
Ezh2	D2C9	TCF1/TCF7	C63D9
F4/80	D2S9R	TIM-3	(D3M9R)
FGF Receptor 1	D8E4	Tau	D1M9X
FoxP3	D6O8R	Tri-Methyl-Histone H3 (Lys27)	C36B11
GFAP	E4L7M	VCAM-1	D2T4N
GITR	E9O9H	VISTA	D5L5T
Glut1	E4S6I	Vimentin	D21H3
Goat Anti-Rabbit IgG	N/A	iNOS	E1W4J
Granzyme B	ESV2L	α-Smooth Muscle Actin	D4K9N
HER2/ErbB2	D8F12	β-Catenin	D10A8
HIF1-α	E1V6A	β3-Tubulin	E9F3E

VOIR LES ANTICORPS MURINS

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SignalStar™ Multiplex IHC - humains

Anticorps	Clone	Anticorps	Clone	Anticorps	Clone
Arginase-1	D4E3M	FAP	F1A4G	PD-1 (Intracellular Domain)	D4W2J
CD11b/ITGAM	D6X1N	FGF Receptor 1	D8E4	PD-L1	E1L3N®
CD11c	D3V1E	GFAP	E4L7M	PD-L2	D7U8C
CD14	D7A2T	GITR	D5V7P	PDGF Receptor α	D1E1E
CD141/Thrombomodulin	E7Y9P	GPNCMB	E4D7P	Pan-Keratin	C11
CD16	D1N9L	Glut1	E4S6I	Pan-Keratin (Type I)	E6S1S
CD163	D6U1J	Goat Anti-Rabbit IgG	N/A	Phospho-CREB (Ser133)	87G3
CD177	F9O5U	Granzyme B	D6E9W	Phospho-Histone H2A.X (Ser139)	D7T2V
CD19 (Intracellular Domain)	D4V4B	HER2/ErbB2	D8F12	Phospho-SLP-76 (Ser376)	E3G9U
CD20	E7B7T	HIF1- α	E1V6A	Phospho-Stat3 (Tyr705)	D3A7
CD206/MRC1	E2L9N	HLA-DRA	E9R2Q	Prostate Specific Membrane	
CD28	D2Z4E	ICOS	D1K2T™	Antigen	D7I8E
CD31 (PECAM-1)	89C2	IL-18	E3G8R	S100A9	D5O6O
CD38	E7Z8C	IL-1 β	3A6	S100B	E7C3A
CD3e	D7A6E™	IL-8	E5F5Q	SIRP α /SHPS1	D6I3M
CD4	MSVA-004R	Iba1/AIF-1	E4O4W	Sox10	E6B6I
CD40	D8W3N	Ki-67	8D5	T-bet/TBX21	E4I2K
CD44	E7K2Y	LAG3	D2G4O	TACSTD2/TROP2	F4W4J
CD45 (Intracellular Domain)	D9M8I	MCAM	E3F3E	TCF1/TCF7	C63D9
CD47	D3O7P	MHC Class I	EMR8-5	TIM-3	D5D5R™
CD54/ICAM-1	E3Q9N	MHC Class II	(LGII-612.14)	TMEM119	E3E4T
CD62L/L-Selectin	E7X9I	MMP-9	D6O3H	Tau	D1M9X
CD68	D4B9C	MSH2	D24B5	Tox/Tox2	E6I3Q
CD86	E2G8P	Mesothelin	D9R5G	Tri-Methyl-Histone H3 (Lys27)	C36B11
CD8 α	D8A8Y	Myelin Basic Protein	D8X4Q	VE-Cadherin	E6N7A
COL1A1	E8F4L	Myeloperoxidase	E1E7I	VISTA	D5L5T
CTLA-4	E2V1Z	N-Cadherin	D4R1H	Vimentin	D21H3
Citrullinated Histone H3 (Arg17)	E4O3F	NT5E/CD73	D7F9A	XCR1	D2F8T
Cleaved Caspase-3 (Asp175)	D3E9	Na,K-ATPase α 1	D4Y7E	c-Fos	E2I7R
Cleaved Gasdermin D (Asp275)	E7H9G	NeuN	D4G4O	p63	D9L7L
E-Cadherin	(24E10)	Neurofilament-L	C28E10	α -Smooth Muscle Actin	D4K9N
EGF Receptor	D38B1	OX40	E9U7O	β -Amyloid	D3D2N
EpCAM	D9S3P	OX40L	D6K7R	β -Catenin	D10A8
Ezh2	D2C9	Olig2	E6G6Q	β 2-microglobulin	D8P1H
		PCNA	D3H8P	β 3-Tubulin	E9F3E

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