

STAINperfect™ immunostaining kit A

Ref: SP-A-1000

The STAINperfect™ immunostaining kit A provides all necessary reagents and protocols to achieve high-quality stainings with ImmuSmol's antibodies. **The kit can be combined over 30 antibodies to key neurotransmitters, amino acids, and their metabolites.** See compatible antibodies below.

Format	Ready-to-use staining kit
Validated protocols	Cell cultures, tissue sections, whole mounts
Number of stainings	Cell cultures : 1x 96 well-plate Whole mounts : 20 samples Tissue sections: 40 slides
Reference	Cited in 18 papers

INFORMATIONS

Product overview

Product name	STAINperfect™ immunostaining kit A
Description	Ready-to-use immunostaining kit providing optimal staining conditions for specific ImmuSmol's antibodies
Eligible samples	Cell culture, whole mounts, tissues from any species

Compatibles antibodies

[3-methoxytyramine rabbit pAb - IS1019](#)
[Citrulline Rabbit pAb - IS1067](#)
[Dopamine rabbit pAb - IS1005](#)
[GABA rabbit pAb - IS1006](#)
[GABA chicken pAb - IS1036](#)
[GABA mouse mAb - IS039](#)
[Glycine rabbit pAb - IS1034](#)
[Histamine rabbit pAb - IS1039](#)
[L-Arginine rabbit pAb - IS1055](#)
[L-Asparagine rabbit pAb - IS1056](#)
[L-DOPA rabbit pAb - IS1030](#)
[L-Glutamate mouse mAb - IS018](#)
[L-Glutamate rabbit pAb - IS1001](#)
[D-Glutamate rabbit pAb - IS1002](#)
[L-Glutamine rabbit pAb - IS1060](#)
[L-Homoarginine rabbit pAb - IS1025](#)
[L-Histidine Rabbit pAb - IS1066](#)
[L-Lysine Rabbit pAb - IS1068](#)
[L-Ornithine rabbit pAb - IS1059](#)
[L-PhenylAlanine rabbit pAb - IS1038](#)
[L-Serine rabbit pAb - IS1003](#)
[D-Serine rabbit pAb - IS1004](#)
[L-Tyrosine rabbit pAb - IS1037](#)
[Noradrenaline rabbit pAb - IS1042](#)
[Normetanephrine rabbit pAb - IS1028](#)
[N1-Acetyl-Spermidine rabbit pAb - IS1070](#)
[N8-Acetyl-Spermidine rabbit pAb - 1071](#)
[Octopamine rabbit pAb - IS1033](#)
[Serotonin rabbit pAb - IS1007](#)
[Serotonin goat pAb - IS1035](#)
[Serotonin mouse mAb - IS040](#)
[Tryptophan mouse mAb - IS011](#)

Number of stainings

Cell cultures : 1x 96 well-plate
 Whole mounts : 20 samples
 Tissue sections: 40 slides

Storage

Store at 4C° until use

Restriction

For research use only

MSDS

[Download MSDS](#)

PROTOCOLS

immusmol
Instructions for use
STAINperfect
ImmunoStaining Kit A

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SP-A-1000

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PROTOCOL-AT-A-GLANCE
CELL CULTURE (24-well plate)

WASH 1	1x150 ml	1x1	20-25°C
1. FIXATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
2. PERMEABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
3. STABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
4. SATURATION	1x150 ml	1x1	20-25°C
5. PRIMARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
6. SECONDARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
7. MOUNTING & IMAGING	1x150 ml	3x3	20-25°C

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PROTOCOL-AT-A-GLANCE
WHOLE MOUNTS

1. FIXATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
2. PERMEABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
3. STABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
4. SATURATION	1x150 ml	1x1	20-25°C
5. PRIMARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
6. SECONDARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
7. MOUNTING & IMAGING	1x150 ml	3x3	20-25°C

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PROTOCOL-AT-A-GLANCE
TISSUE SECTION STAINING

1. DRYING SLIDES	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	1x1	20-25°C
2. PERMEABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
3. STABILIZATION	1x150 ml	1x1	20-25°C
WASH 1	1x150 ml	3x3	20-25°C
4. SATURATION	1x150 ml	1x1	20-25°C
5. PRIMARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
6. SECONDARY ANTIBODY	1x150 ml	1x1	20-25°C
WASH 2	1x150 ml	3x3	20-25°C
7. MOUNTING & IMAGING	1x150 ml	3x3	20-25°C

Last updated: 19/10/2022

[Complete Instructions for Use](#)

[Protocol-at-a-glance for cell cultures](#)

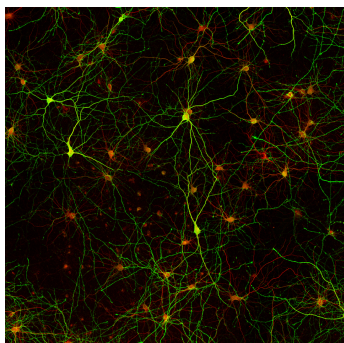
[Protocol-at-a-glance for whole mounts](#)

[Protocol-at-a-glance for tissue sections](#)

REFERENCES

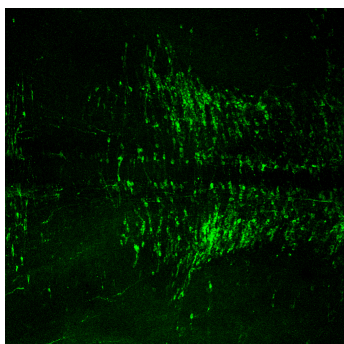
Product citations

Product pictures



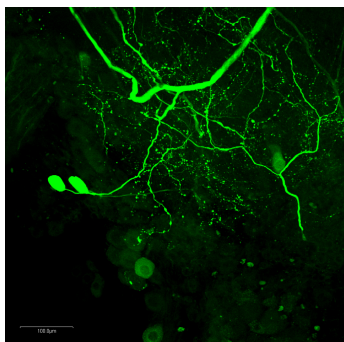
GABA immunostaining in rat cortical primary neurones

The STAINperfect immunostaining kit A used according to the protocol for cell culture, enables the labeling of GABAergic soma and fibers in primary rat cortical neurons using our anti-GABA primary antibody.



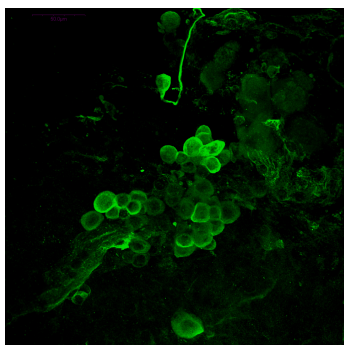
STAINperfect immunostaining kit A

Provided with validated protocols for cell cultures, whole mounts and tissue sections, the kit contains all reagents needed for the fixation, washes, permeabilization, stabilization and saturation of samples.



5-HT neurones labeled in the hindbrain of mouse embryo (E13.5).

STAINperfect immunostaining kit A together with protocol for whole mounts samples, enables the labeling of serotonergic soma and fibers (using our anti-5HT antibody) in the medulla of mouse embryo.



L-Glutamate in the crayfish nervous system

The STAINperfect immunostaining kit A used according to the protocol for whole mounts samples, permits the detection of Glutamate in the brain of a crayfish using our optimized anti-L-Glutamate antibody.



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Contact information

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To order, review, ask for technical support, visit product page at:

<https://www.immusmol.com/shop/stainperfect-immunostaining-kit-a/>