

Specification Sheet

ImmunoSelect® Antifading Mounting Medium

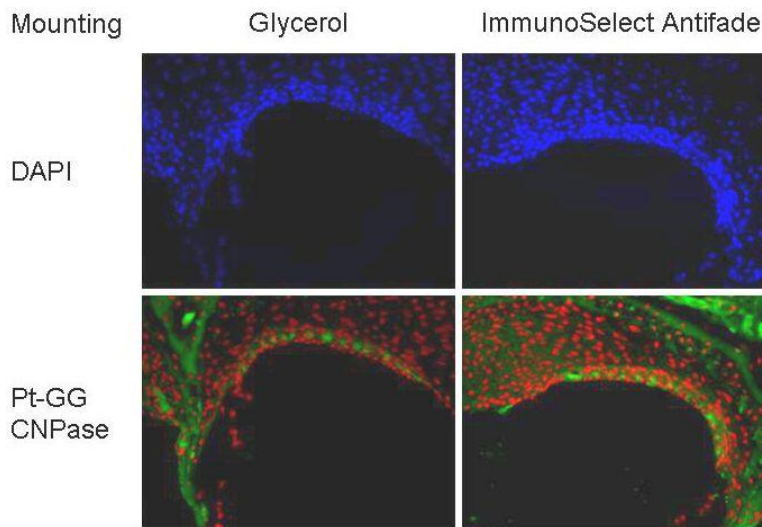
Cat. No.	Description	Unit
SCR-038447	ImmunoSelect® Antifading Mounting Medium	15 ml
SCR-038448	ImmunoSelect® Antifading Mounting Medium DAPI	15 ml
SCR-038449	ImmunoSelect® Antifading Mounting Medium PI	15 ml

Product Information

Rapid photobleaching of cell probes labelled with fluorochromes still hampered qualitative and quantitative assessment of the label.

ImmunoSelect® Antifading Mounting Medium is developed for fluorescence-microscopical use combining strong initial fluorescence with drastical reduction of photobleaching over time. In contrast to several media ImmunoSelect® Antifading Mounting Medium does not exhibit autofluorescence at any common wavelength.

ImmunoSelect® Antifading Mounting Medium is an aqueous mountant which does not solidify directly, but remains a viscous liquid for several days on the slide. To mount cellular material on the slide one drop of medium is sufficient. After a cover slip is applied, the medium disperses over the entire section. When mounted slides are stored at 4°C in the dark, fluorescence will remain for many weeks.



Immunostaining of DNA adducts (red) and CNPase (green) in cryosections of the inner ear (stria vascularis) from mice (24 h after exposure to a DNA-reactive platinum compound).*

Compatibility with Fluorochromes

The Mounting Medium is tested for several fluorescence dyes:

- Fluorescein derivatives, eg. FITC
- Rhodamine derivatives, eg. Rhodamin Red-X, TRITC, Texas Red
- All common fluorescent dyes, eg. Alexa Fluor dyes, DyLight dyes, Cyanine dyes
- Phycobilliproteins, eg. PE
- DAPI
- Hoechst 33358 and 3334
- Propidium Iodide



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ImmunoSelect® Antifading Mounting Medium with DNA-fluorescence dyes

These special formulations of ImmunoSelect® Antifading Mounting Medium contain ready to use counterstains for DNA in two different wavelengths. DAPI (4',6 diamidino-2-phenylindole) produces a blue fluorescence with excitation maximum at 365 nm and emission at about 460 nm. Therefore there is no emission overlap with all green or red emitting dyes.

PI (propidium iodide) has a broad excitation range with a maximum at 535 nm and an emission at 615 nm, and therefore no overlap with blue and green emitting dyes.

Storage and Stability

ImmunoSelect® Antifading Mounting Media should be stored at 4°C in the dark. Expiry at 4°C: 1 year.

Safety Instruction

Media contain 0.1 % sodiumazide as preservative. Do not get in eyes, on skin, or on clothing. If contact should occur, immediately flush with copious amounts of water.

* J. Thomale, Institute for Cell Biology, University of Duisburg-Essen, Germany

For research only. Not for diagnostic or therapeutic use.

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