

ImmunoSelect[®] Antifading Mounting Medium - PI

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.

ImmunoSelect[®] Antifading Mounting Medium is available in three different formulations:

- Mounting Medium (SQ-IS-12001)
- Mounting Medium – DAPI (SQ-IS-12002) with 4',6-diamidino-2-phenylindole (DAPI) cell membrane permeable fluorescent stain that binds strongly to A-T rich regions in DNA
- Mounting Medium – PI (SQ-IS-12003) with propidium iodide (PI) cell membrane impermeable fluorescent stain that intercalates into DNA

Compatibility with Fluorochromes

The Mounting Medium is tested for several fluorescence dyes:

- Fluorescein derivatives, e.g. FITC
- Rhodamine derivatives, e.g. TRITC, Texas Red
- Cy3 and Cy5
- Phycobilliproteins, e.g. PE
- ALEXA dyes
- DAPI
- Hoechst 33358 and 3334 dyes
- Propidium Iodide

ImmunoSelect[®] Antifading Mounting Medium with PI DNA-stain

ImmunoSelect[®] Antifading Mounting Medium PI contains ready to use Propidium Iodide (PI) DNA-stain. PI has a broad excitation range with a maximum at 535 nm and an emission wavelength at 615 nm and therefore has no overlap with blue and green emitting dyes.

Storage

ImmunoSelect[®] Antifading Mounting Media should be stored at 2-6°C in the dark. The expiry at 2-6°C is 1 year.

Safety

Media contain 0.05 % sodium azide as preservative. DAPI and PI containing media are toxigenic and mutagenic and therefore they should be handled with care. Do not get in eyes, on skin, or on clothing. If contact should occur, immediately flush with copious amounts of water.

Reference Laboratories

Institute for Cell Biology (Tumor Research); DNA-Repair Unit PD Dr. J. Thomale, University Clinic Essen. Virchowstrasse 173, 45147 Essen, Germany.

Ordering Information

Catalog no.	Article	Unit	Price*
SQ-IS-12001	ImmunoSelect® Antifading Mounting Medium	15 ml	24.00 €
SQ-IS-12002	ImmunoSelect® Antifading Mounting Medium - DAPI	15 ml	30.00 €
SQ-IS-12003	ImmunoSelect® Antifading Mounting Medium - PI	15 ml	30.00 €

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*Price does not include tax and shipping costs. Please inquire.