HIGHDEF® Green AP Chromogen/Substrate

High definition IHC chromogen producing brilliant green color for AP-activated development.

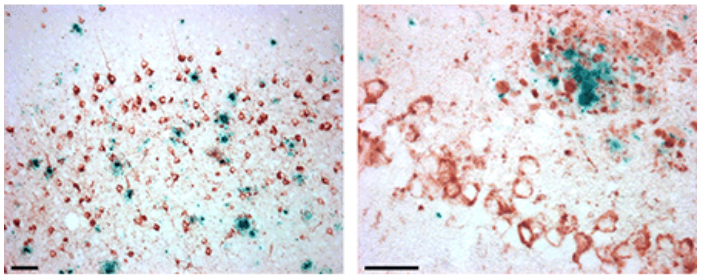
HIGHDEF® Green AP Chromogen/Substrate is intended to be used in conjunction with alkaline phosphatase (AP)-based immunostaining or *in situ* hybridization systems.

Citations: 1 View Online »

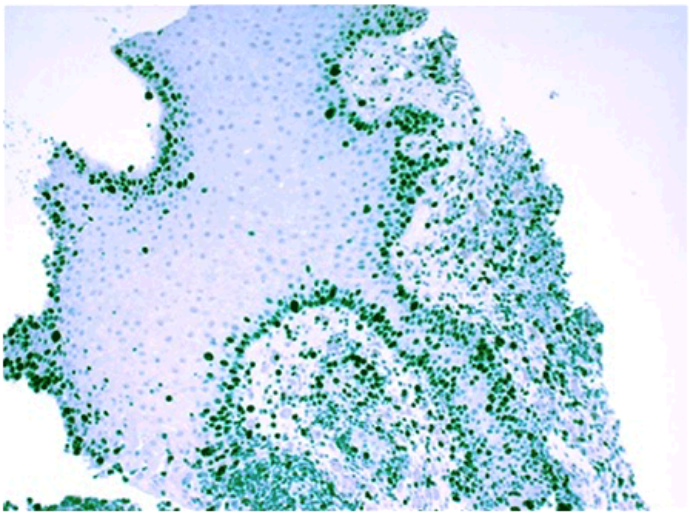
Ordering Information Order Online »

ENZ-ACC130-0030	30ml

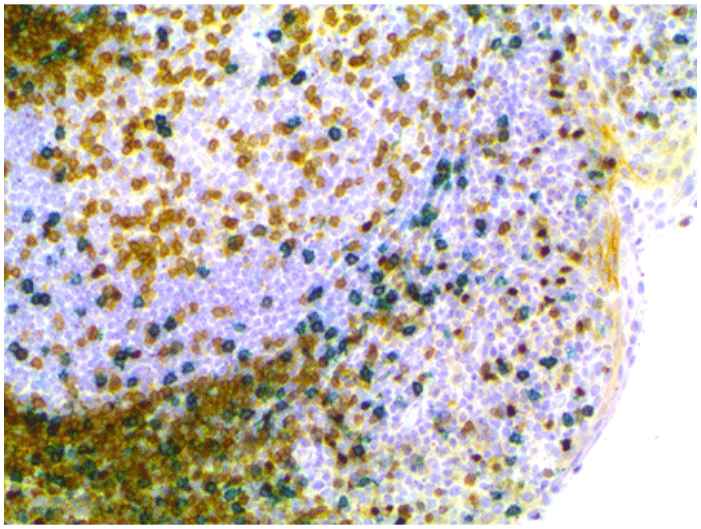
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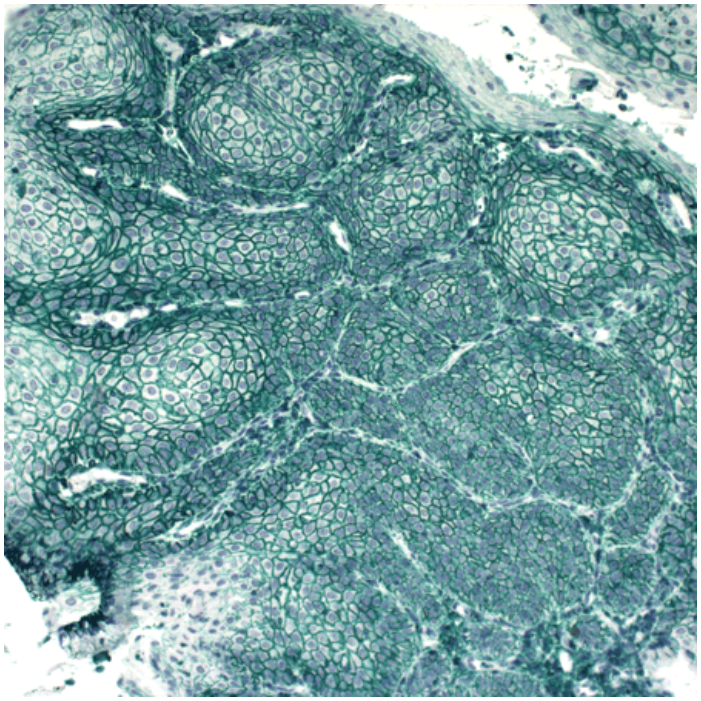
Dual IHC staining performed on formalin-fixed paraffin-embedded tissue section from human brain with Alzheimer's disease. The tissue sections were stained for alpha-amyloid with POLYVIEW® PLUS AP (anti-rabbit) reagent (Prod. No. ENZ-ACC110) and HIGHDEF® Green AP Chromogen/Substrate (Prod. No. ENZ-ACC130), and phospho-tau with POLYVIEW® PLUS HRP (anti-mouse) reagent (Prod. No. ENZ-ACC104) and HIGHDEF DAB Chromogen/Substrate Set (Prod. No. ENZ-ACC105). Picture courtesy of Dr. Karelle Leroy Laboratoire d'histologie, de neuroanatomie et de neuropathologie, Université Libre de Bruxelles, Bruxelles, Belgium.



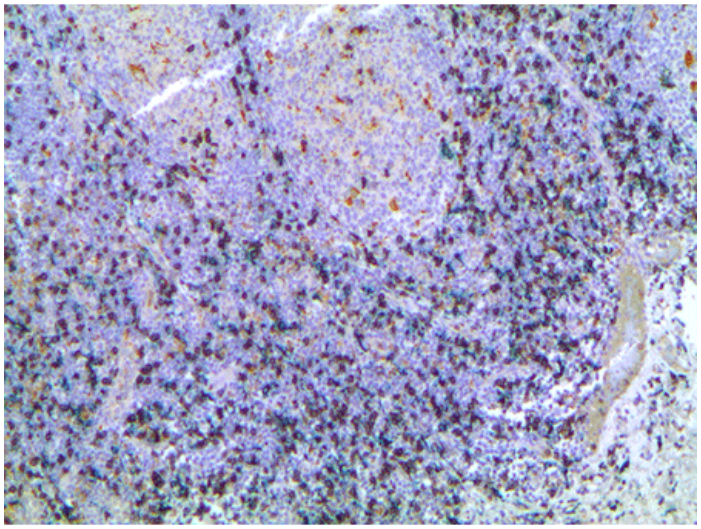
Cervical tissue incubated with a primary antibody to Ki-67, stained with POLYVIEW® PLUS (anti-Mouse) Reagent and HIGHDEF® Green AP Chromogen/Substrate



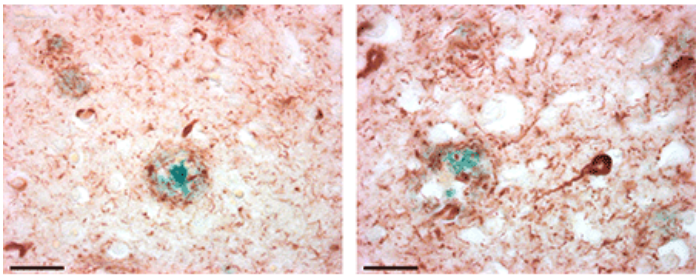
Multiplex IHC staining performed on formalin-fixed paraffin-embedded human tonsil stained with FOXP3 antibody labeled with HIGHDEF® black IHC chromogen (HRP) (Prod. Ref. ADI-950-171), CD3 antibody labeled with HIGHDEF® yellow IHC chromogen (HRP) (Prod. Ref. ADI-950-170), CD8 antibody labeled with HIGHDEF® green AP chromogen/substrate (Prod. Ref. ENZ-ACC130), and hematoxylin counterstain. Image courtesy from Plateforme de Pathologie Expérimentale et Translationnelle – PETRA, Unité AMMICa, Gustave Roussy Cancer Campus, Villejuif, France.



CD44 stained with SAVIEW® PLUS AP Reagent (ENZ-ACC111) and HIGHDEF® Green AP Chromogen/Substrate.



Multiplex IHC staining performed on formalin-fixed paraffin-embedded human tonsil stained with CD8 antibody labeled with HIGHDEF® black IHC chromogen (HRP) (Prod. Ref. ADI-950-171), CD68 antibody labeled with HIGHDEF® yellow IHC chromogen (HRP) (Prod. Ref. ADI-950-170), CD163 antibody labeled with HIGHDEF® green AP chromogen/substrate (Prod. Ref. ENZ-ACC130), and hematoxylin counterstain. Image used with permission from Plateforme de Pathologie Expérimentale et Translationnelle – PETRA, Unité AMMICa, Gustave Roussy Cancer Campus, Villejuif, France.



Dual IHC staining performed on formalin-fixed paraffin-embedded tissue section from transgenic mouse brain expressing human mutated APP and PS1. The tissue sections were stained for alpha-amyloid with POLYVIEW® PLUS AP (anti-rabbit) reagent (Prod. No. ENZ-ACC110) and HIGHDEF® Green AP Chromogen/Substrate (Prod. No. ENZ-ACC130), and phospho-tau with POLYVIEW® PLUS HRP (anti-mouse) reagent (Prod. No. ENZ-ACC104) and HIGHDEF DAB Chromogen/Substrate Set (Prod. No. ENZ-ACC105). Picture courtesy of Dr. Karelle Leroy Laboratoire d'histologie, de neuroanatomie et de neuropathologie, Université Libre de Bruxelles, Bruxelles, Belgium.

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	+4°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Application	IHC, ISH (in situ hybridization)
Contents	HIGHDEF® Green AP Chromogen, HIGHDEF® Green AP Substrate
Technical Info / Product Notes	The HIGHDEF® Green AP Chromogen/Substrate is a substrate-chromogen system designed to be used for either IHC or ISH when utilizing alkaline phosphatase. It has been modified to increase stability and staining intensity, producing a strong green color that is insoluble in alcohol and xylene substitutes (both aliphatic hydrocarbon and citrus based); therefore sections can be dehydrated in alcohol, cleared in xylene substitute, and permanently mounted. However, we recommend air drying slides and then permanently mounting. This chromogen/substrate system may be used for both automation and manual use.

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