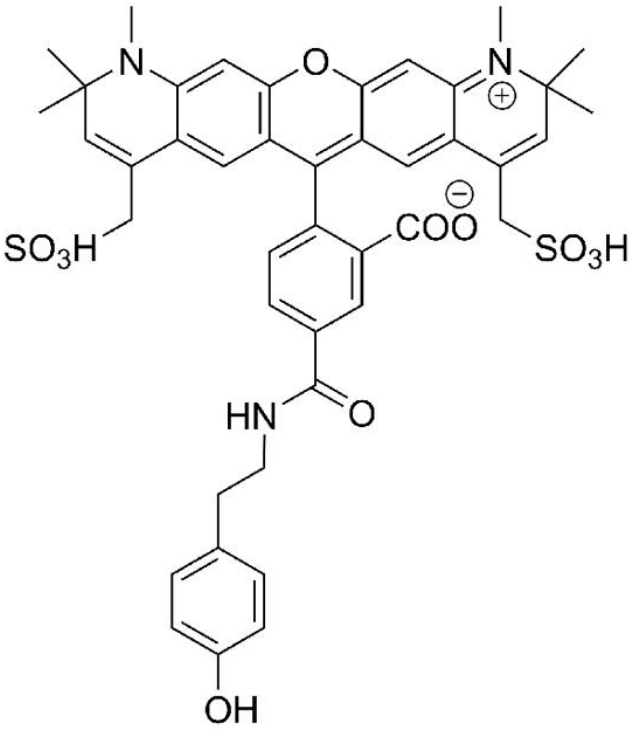
www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

AZDYE 594 TYRAMIDE

SKU: CCT-1542



DESCRIPTION

Red fluorescent reagent widely used for tyramide signal amplification (TSA) in IHC, ICC, FISH and multicolor FISH. Tyramide signal amplification (TSA) has proven to be a particularly versatile and powerful enzyme amplification technique with improved assay sensitivity. TSA is based on the ability of HRP, in the presence of low concentrations of hydrogen peroxide, to convert labeled tyramine-containing substrate into an oxidized, highly reactive free radical that can covalently bind to tyrosine residues at or near the HRP.

AZDye™ 594 Tyramide is a component of many tyramide signal amplification kits, including SuperBoost®. This reagent can be used with any antibody conjugated to HRP for tyramide

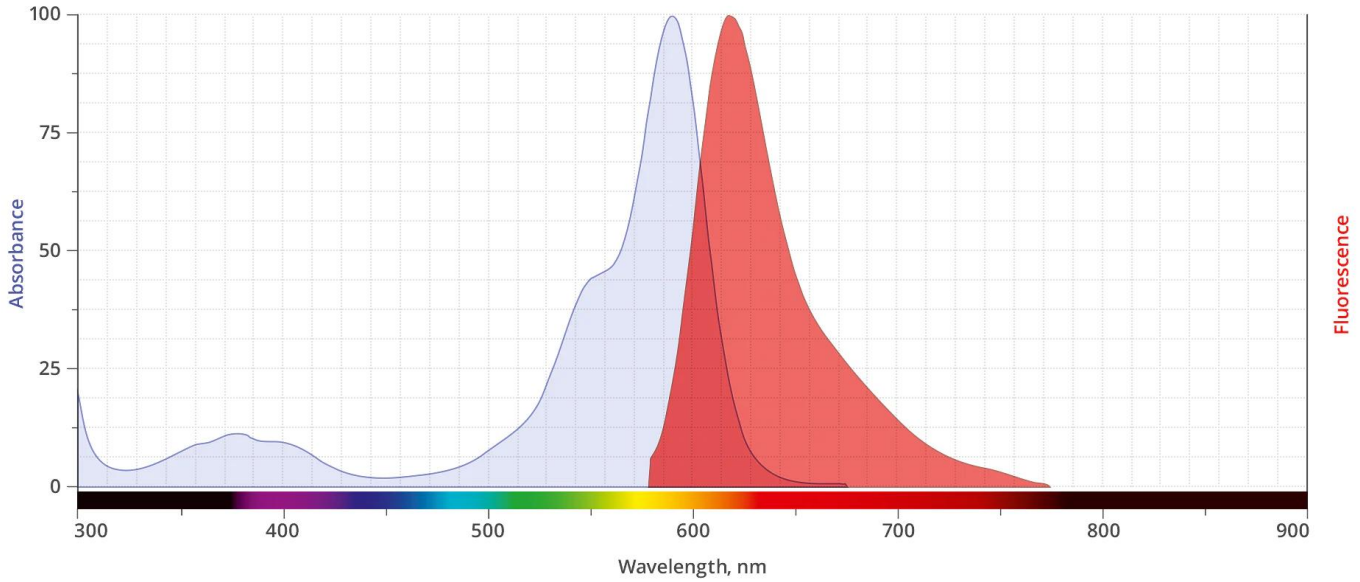
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

signal amplification for detection of low abundance targets in multiplexable fluorescent immunocytochemistry (ICC), immunohistochemistry (IHC), and in situ hybridization (ISH).

SPECIFICATIONS

CAS Number	N/A
Molecular Weight	841.95 (protonated)
Appearance	Dark blue solid
Extinction Coefficient	88,000
Unit Size	150 slides, 1500 slides
Solubility	Water, DMSO, DMF
Storage Instructions	-20°C. Desiccate
Spectrally Similar Dyes	Alexa Fluor® 594, CF® 594, DyLight® 594
Laser Line	561 nm or 594 nm
Excitation/Emission Maximum	590/617 nm
Shipping Conditions	Ambient temperature
Shipping Instructions	Ambient temperature

ABS/EM SPECTRA



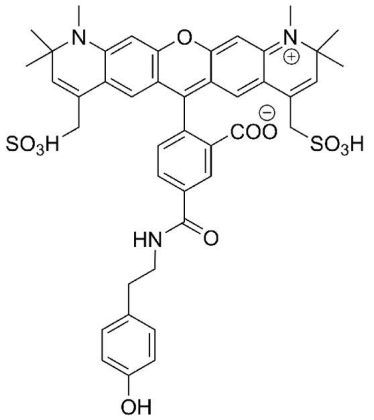
For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

www.vectorlabs.com
Email: customerservice@vectorlabs.com
Telephone: (650) 697-3600

DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



For research use only. Not intended for therapeutic or diagnostic use in animals or humans.