

**Materials List for:**

# **Immunohistochemistry: Paraffin Sections Using the Vectastain ABC Kit from Vector Labs**

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## **Materials**

| <b>Name</b>                | <b>Company</b>      | <b>Catalog Number</b> | <b>Comments</b>                                                               |
|----------------------------|---------------------|-----------------------|-------------------------------------------------------------------------------|
| Xylene                     | Fisher Scientific   | X3S-4                 | Change xylene every month depending on use. Xylene is TOXIC.                  |
| 100% ethanol               | Fisher Scientific   | A406-20               | Use to make EtOH gradient.                                                    |
| DPBS                       |                     |                       | Dulbecco's modified Phosphate Buffered Saline WITH Ca2+ and Mg2+              |
| Na-Citrate buffer          |                     |                       | 10 mM, pH 6.5                                                                 |
| H2O2                       | Sigma-Aldrich       | H-1009                | 30% stock => Dilute to 1% in DPBS                                             |
| Blocking solution          |                     |                       | DPBS + 5% bovine serum albumin (BSA) + 0.1% Na Azide + 5% serum.              |
| BSA                        |                     |                       |                                                                               |
| Sodium Azide               |                     |                       | NaAzide                                                                       |
| avidin/biotin blocking kit | Vector Laboratories | SP-2001               |                                                                               |
| Ab buffer                  |                     |                       | DPBS + 2% BSA + 0.1% Na Azide + 2% serum (same as used for the blocking step) |
| ABC kit Vectastain PK-6100 | Vector Laboratories |                       |                                                                               |
| DAB peroxidase substrate   | Vector Laboratories | SK-4100               |                                                                               |
| ddH2O                      |                     |                       |                                                                               |
| Hematoxylin                | Fisher Scientific   | CS401-D               | counterstain                                                                  |
| PermOUNT                   | Fisher Scientific   | SP15-100              |                                                                               |
| Slides and cover-slips     |                     |                       | glass                                                                         |