



Fig. 1. LMO4 is expressed in trkC-positive proprioceptive sensory neurons in muscle pool-specific patterns. LMO4 expression in nuclei of chick DRG sensory afferents was detected with an Lmo4-specific antibody (red in all panels). The top left panels show cytoplasmic staining of trkC and trkA in green. Most trkC-positive sensory neurons are LMO4 positive (dual staining in yellow), whereas almost none of the trkA-positive sensory neurons express LMO4. In the two right panels, adductor and sartorius sensory neurons were retrograde labeled with green fluorescent dye at stage 39 (labeled as adductor and sartorius panels) and stained for LMO4 expression. LMO4 is expressed most adductor, but few sartorius sensory neurons. Data are reproduced from **Chen et al. (2002)**.